

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028722.D
 Acq On : 16 May 2022 11:35
 Operator : JC/MD
 Sample : VX0516WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	204185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142678	50.976	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.960%			
35) Dibromofluoromethane	5.391	113	115409	52.197	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.400%			
50) Toluene-d8	8.647	98	435013	52.185	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.079	95	171084	54.949	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	45778	17.122	ug/l	99
3) Chloromethane	1.288	50	44218	17.561	ug/l	99
4) Vinyl Chloride	1.374	62	47734	17.592	ug/l	98
5) Bromomethane	1.605	94	37913	15.995	ug/l	99
6) Chloroethane	1.685	64	32860	17.808	ug/l	99
7) Trichlorofluoromethane	1.886	101	77266	17.860	ug/l	98
8) Diethyl Ether	2.136	74	31200	19.793	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	39977	17.561	ug/l	95
10) Methyl Iodide	2.453	142	37409	13.726	ug/l	95
11) Tert butyl alcohol	2.965	59	48167	75.522	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37045	17.530	ug/l	96
13) Acrolein	2.233	56	51236	111.526	ug/l	98
14) Allyl chloride	2.666	41	58619	17.295	ug/l	91
15) Acrylonitrile	3.062	53	120196	89.132	ug/l	100
16) Acetone	2.380	43	105058	87.459	ug/l	93
17) Carbon Disulfide	2.514	76	91210	16.650	ug/l	97
18) Methyl Acetate	2.703	43	54067	17.971	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	132273	17.639	ug/l	99
20) Methylene Chloride	2.788	84	43122	17.111	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	40712	17.104	ug/l	97
22) Diisopropyl ether	3.763	45	128490	17.740	ug/l #	88
23) Vinyl Acetate	3.721	43	566206	90.680	ug/l	96
24) 1,1-Dichloroethane	3.605	63	74454	17.682	ug/l	97
25) 2-Butanone	4.556	43	166950	88.543	ug/l	95
26) 2,2-Dichloropropane	4.483	77	57535	17.427	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	48022	17.274	ug/l	99
28) Bromochloromethane	4.903	49	38716	21.844	ug/l	91
29) Tetrahydrofuran	5.007	42	108100	88.200	ug/l	91
30) Chloroform	5.092	83	80797	17.730	ug/l	100
31) Cyclohexane	5.470	56	67484	17.370	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	69695	17.519	ug/l	99
36) 1,1-Dichloropropene	5.696	75	58547	17.630	ug/l	98
37) Ethyl Acetate	4.708	43	63696	18.364	ug/l	98
38) Carbon Tetrachloride	5.672	117	60860	18.210	ug/l	97
39) Methylcyclohexane	7.379	83	71262	18.712	ug/l	96
40) Benzene	6.044	78	171550	17.974	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028722.D
 Acq On : 16 May 2022 11:35
 Operator : JC/MD
 Sample : VX0516WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33903	18.229	ug/l	93
42) 1,2-Dichloroethane	6.086	62	63735	18.104	ug/l	98
43) Isopropyl Acetate	6.342	43	97991	18.058	ug/l	94
44) Trichloroethene	7.123	130	45174	17.452	ug/l	93
45) 1,2-Dichloropropane	7.434	63	43239	18.158	ug/l	98
46) Dibromomethane	7.586	93	32006	17.998	ug/l	91
47) Bromodichloromethane	7.824	83	60422	18.301	ug/l	99
48) Methyl methacrylate	7.696	41	47888	18.268	ug/l	85
49) 1,4-Dioxane	7.671	88	23544	359.521	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	330295	92.407	ug/l	92
52) Toluene	8.720	92	109714	17.870	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58903	16.631	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	66106	17.795	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	44967	17.961	ug/l	98
56) Ethyl methacrylate	9.116	69	67488	17.801	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	76259	18.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	193148	104.060	ug/l	100
59) 2-Hexanone	9.433	43	252970	91.094	ug/l	90
60) Dibromochloromethane	9.525	129	43685	17.892	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47478	18.056	ug/l	99
64) Tetrachloroethene	9.275	164	42327	17.888	ug/l	97
65) Chlorobenzene	10.079	112	118032	17.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42943	18.236	ug/l	96
67) Ethyl Benzene	10.195	91	211873	17.782	ug/l	98
68) m/p-Xylenes	10.299	106	163842	35.320	ug/l	97
69) o-Xylene	10.640	106	79367	17.378	ug/l	97
70) Styrene	10.659	104	134257	18.102	ug/l	98
71) Bromoform	10.799	173	28943	16.133	ug/l #	99
73) Isopropylbenzene	10.963	105	210322	17.830	ug/l	98
74) N-amyl acetate	10.841	43	80348	17.328	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	78485	19.395	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71534m	19.637	ug/l	
77) Bromobenzene	11.201	156	55230	19.788	ug/l	97
78) n-propylbenzene	11.305	91	271175	19.874	ug/l	99
79) 2-Chlorotoluene	11.366	91	161342	19.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	195428	19.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18793	18.069	ug/l #	77
82) 4-Chlorotoluene	11.457	91	182208	18.846	ug/l	100
83) tert-Butylbenzene	11.713	119	194565	20.445	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	185990	18.870	ug/l	99
85) sec-Butylbenzene	11.890	105	220371	18.773	ug/l	99
86) p-Isopropyltoluene	12.012	119	184973	18.779	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	93956	17.163	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	96789	17.045	ug/l	97
89) n-Butylbenzene	12.335	91	158925	18.621	ug/l	97
90) Hexachloroethane	12.542	117	28624	17.970	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	93494	17.385	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15670	18.135	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	56819	18.293	ug/l	99
94) Hexachlorobutadiene	13.725	225	23839	18.892	ug/l	95
95) Naphthalene	13.780	128	194888	17.632	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57020	18.277	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028722.D
Acq On : 16 May 2022 11:35
Operator : JC/MD
Sample : VX0516WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:32:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

[illegible]