

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028170.D
 Acq On : 19 Apr 2022 19:43
 Operator : JC/MD
 Sample : VX0419WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	336160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215697	49.211	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.420%		
35) Dibromofluoromethane	5.391	113	191461	50.415	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.840%		
50) Toluene-d8	8.653	98	700691	48.038	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	260585	46.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36090	16.631	ug/l	99
3) Chloromethane	1.294	50	53364	23.095	ug/l	99
4) Vinyl Chloride	1.374	62	63699	18.796	ug/l	99
5) Bromomethane	1.605	94	55801	12.312	ug/l	100
6) Chloroethane	1.685	64	45790	16.722	ug/l	99
7) Trichlorofluoromethane	1.886	101	128107	17.143	ug/l	97
8) Diethyl Ether	2.130	74	45131	18.113	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	62554	22.979	ug/l	98
10) Methyl Iodide	2.453	142	74483	23.147	ug/l	96
11) Tert butyl alcohol	2.953	59	85477	95.699	ug/l	96
12) 1,1-Dichloroethene	2.319	96	59533	23.044	ug/l	92
13) Acrolein	2.233	56	54607	101.656	ug/l	97
14) Allyl chloride	2.666	41	84062	19.392	ug/l	93
15) Acrylonitrile	3.062	53	168289	94.216	ug/l	100
16) Acetone	2.373	43	138200	102.407	ug/l	95
17) Carbon Disulfide	2.514	76	140436	20.186	ug/l	99
18) Methyl Acetate	2.703	43	74001	18.989	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	213420	19.810	ug/l	98
20) Methylene Chloride	2.788	84	67802	20.848	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	66478	18.921	ug/l	97
22) Diisopropyl ether	3.757	45	179736	18.204	ug/l #	75
23) Vinyl Acetate	3.721	43	805768	93.412	ug/l	100
24) 1,1-Dichloroethane	3.611	63	111052	19.049	ug/l	100
25) 2-Butanone	4.556	43	229796	88.524	ug/l	99
26) 2,2-Dichloropropane	4.477	77	101689	17.865	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	80014	19.099	ug/l	93
28) Bromochloromethane	4.897	49	47404	18.952	ug/l	90
29) Tetrahydrofuran	5.007	42	146243	86.402	ug/l	99
30) Chloroform	5.099	83	127284	18.180	ug/l	97
31) Cyclohexane	5.471	56	97244	18.210	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	117600	18.549	ug/l	98
36) 1,1-Dichloropropene	5.696	75	88173	17.799	ug/l	96
37) Ethyl Acetate	4.715	43	89439	17.794	ug/l	98
38) Carbon Tetrachloride	5.684	117	102427	18.316	ug/l	99
39) Methylcyclohexane	7.385	83	111637	17.861	ug/l	95
40) Benzene	6.044	78	265976	18.342	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028170.D
 Acq On : 19 Apr 2022 19:43
 Operator : JC/MD
 Sample : VX0419WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45030	17.364	ug/l	97
42) 1,2-Dichloroethane	6.092	62	96902	18.002	ug/l	99
43) Isopropyl Acetate	6.342	43	142227	17.386	ug/l	98
44) Trichloroethene	7.129	130	80055	19.038	ug/l	97
45) 1,2-Dichloropropane	7.434	63	64205	18.089	ug/l	95
46) Dibromomethane	7.586	93	52227	18.758	ug/l	99
47) Bromodichloromethane	7.824	83	96229	17.982	ug/l	99
48) Methyl methacrylate	7.696	41	66077	17.593	ug/l	91
49) 1,4-Dioxane	7.659	88	33354	331.963	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	461760	87.961	ug/l	96
52) Toluene	8.720	92	180907	17.958	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	102182	17.967	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107992	17.683	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	75532	18.453	ug/l	98
56) Ethyl methacrylate	9.116	69	105436	17.770	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	117988	17.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	265493	95.369	ug/l	92
59) 2-Hexanone	9.433	43	351326	86.397	ug/l	95
60) Dibromochloromethane	9.525	129	78005	17.481	ug/l	97
61) 1,2-Dibromoethane	9.610	107	81001	18.038	ug/l	98
64) Tetrachloroethene	9.275	164	75594	19.341	ug/l	96
65) Chlorobenzene	10.079	112	203134	19.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	74394	18.719	ug/l	99
67) Ethyl Benzene	10.195	91	345190	19.296	ug/l	96
68) m/p-Xylenes	10.305	106	280889	38.579	ug/l	96
69) o-Xylene	10.646	106	139137	19.167	ug/l	95
70) Styrene	10.659	104	226013	19.218	ug/l	99
71) Bromoform	10.799	173	56213	17.807	ug/l #	98
73) Isopropylbenzene	10.963	105	359952	19.736	ug/l	99
74) N-amyl acetate	10.841	43	119024	18.881	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	114228	19.300	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	103709m	19.859	ug/l	
77) Bromobenzene	11.201	156	91758	19.317	ug/l	90
78) n-propylbenzene	11.305	91	394328	19.498	ug/l	96
79) 2-Chlorotoluene	11.366	91	243178	19.340	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	304806	19.688	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30257	17.217	ug/l	90
82) 4-Chlorotoluene	11.457	91	278100	19.201	ug/l	94
83) tert-Butylbenzene	11.719	119	310654	19.650	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	305345	19.840	ug/l	97
85) sec-Butylbenzene	11.890	105	370081	19.403	ug/l	97
86) p-Isopropyltoluene	12.012	119	321062	19.512	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	172415	19.317	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	176008	18.781	ug/l	99
89) n-Butylbenzene	12.335	91	259637	19.217	ug/l	97
90) Hexachloroethane	12.542	117	48627	17.642	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	172951	19.506	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25290	19.214	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	105579	20.021	ug/l	98
94) Hexachlorobutadiene	13.725	225	44012	18.703	ug/l	94
95) Naphthalene	13.780	128	375778	21.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105889	20.456	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
Data File : VX028170.D
Acq On : 19 Apr 2022 19:43
Operator : JC/MD
Sample : VX0419WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:18:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

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

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

