

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041102.D
 Acq On : 16 Apr 2024 14:10
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 02:09:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	207416	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	289232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113898	50.862	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.720%			
35) Dibromofluoromethane	5.385	113	96793	50.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.646	98	345634	51.071	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	132126	51.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30135	18.317	ug/l	98
3) Chloromethane	1.300	50	31282	17.109	ug/l	98
4) Vinyl Chloride	1.373	62	36596	17.463	ug/l	99
5) Bromomethane	1.605	94	25566	19.459	ug/l	99
6) Chloroethane	1.690	64	24575	17.766	ug/l	96
7) Trichlorofluoromethane	1.885	101	62098	18.878	ug/l	99
8) Diethyl Ether	2.135	74	23507	18.211	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.330	101	35410	18.518	ug/l	# 86
10) Methyl Iodide	2.452	142	43303	21.557	ug/l	90
11) Tert butyl alcohol	2.952	59	45152	103.065	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	32172	17.574	ug/l	87
13) Acrolein	2.233	56	60579	109.952	ug/l	97
14) Allyl chloride	2.666	41	54858	18.529	ug/l	95
15) Acrylonitrile	3.062	53	107009	98.653	ug/l	99
16) Acetone	2.379	43	92794	98.585	ug/l	95
17) Carbon Disulfide	2.513	76	72055	17.292	ug/l	99
18) Methyl Acetate	2.702	43	47185	20.080	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	111970	19.789	ug/l	99
20) Methylene Chloride	2.788	84	35971	17.910	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	34335	18.284	ug/l	88
22) Diisopropyl ether	3.757	45	110493	19.488	ug/l	95
23) Vinyl Acetate	3.720	43	512198	99.679	ug/l	96
24) 1,1-Dichloroethane	3.605	63	60633	18.265	ug/l	95
25) 2-Butanone	4.550	43	146800	99.264	ug/l	96
26) 2,2-Dichloropropane	4.470	77	48146	18.272	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	42868	18.896	ug/l	87
28) Bromochloromethane	4.897	49	25456	17.927	ug/l	# 73
29) Tetrahydrofuran	5.001	42	98129	100.228	ug/l	94
30) Chloroform	5.092	83	67215	18.633	ug/l	98
31) Cyclohexane	5.470	56	50433	18.180	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	58721	18.549	ug/l	97
36) 1,1-Dichloropropene	5.696	75	43443	17.760	ug/l	96
37) Ethyl Acetate	4.714	43	57609	19.721	ug/l	100
38) Carbon Tetrachloride	5.677	117	53004	18.687	ug/l	96
39) Methylcyclohexane	7.378	83	56974	18.562	ug/l	92
40) Benzene	6.037	78	136829	18.325	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041102.D
 Acq On : 16 Apr 2024 14:10
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Quant Time: Apr 17 02:09:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	30879	20.170	ug/l	94
42) 1,2-Dichloroethane	6.086	62	51528	19.258	ug/l	95
43) Isopropyl Acetate	6.336	43	85964	19.817	ug/l	97
44) Trichloroethene	7.122	130	39922	18.001	ug/l	89
45) 1,2-Dichloropropane	7.427	63	33574	18.936	ug/l	99
46) Dibromomethane	7.580	93	26469	18.987	ug/l #	75
47) Bromodichloromethane	7.817	83	51240	18.883	ug/l	97
48) Methyl methacrylate	7.689	41	42915	20.268	ug/l	92
49) 1,4-Dioxane	7.659	88	21418	432.881	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	294664	99.993	ug/l	97
52) Toluene	8.713	92	92079	18.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	50172	19.277	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	54423	19.033	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	37710	19.268	ug/l	95
56) Ethyl methacrylate	9.116	69	57524	18.256	ug/l	95
57) 1,3-Dichloropropane	9.305	76	62521	19.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	147892	107.448	ug/l	93
59) 2-Hexanone	9.427	43	231885	101.722	ug/l	96
60) Dibromochloromethane	9.518	129	45715	19.311	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40220	18.814	ug/l	98
64) Tetrachloroethene	9.274	164	40623	18.689	ug/l	89
65) Chlorobenzene	10.079	112	110373	18.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	38799	18.784	ug/l	97
67) Ethyl Benzene	10.195	91	177389	18.828	ug/l	98
68) m/p-Xylenes	10.299	106	142882	38.127	ug/l	92
69) o-Xylene	10.640	106	69075	18.935	ug/l	92
70) Styrene	10.652	104	117372	18.949	ug/l	95
71) Bromoform	10.798	173	36871	18.953	ug/l #	99
73) Isopropylbenzene	10.963	105	181657	19.937	ug/l	96
74) N-amyl acetate	10.841	43	72694	20.112	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	59106	19.769	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	48212m	19.153	ug/l	
77) Bromobenzene	11.195	156	52650	19.682	ug/l	77
78) n-propylbenzene	11.304	91	204295	19.994	ug/l	96
79) 2-Chlorotoluene	11.365	91	121861	19.564	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	152190	20.051	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16320	18.439	ug/l	96
82) 4-Chlorotoluene	11.451	91	143200	19.745	ug/l	92
83) tert-Butylbenzene	11.713	119	158499	19.580	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	150335	19.847	ug/l	92
85) sec-Butylbenzene	11.890	105	192337	19.802	ug/l	95
86) p-Isopropyltoluene	12.006	119	172169	19.973	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	94730	18.772	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	97254	18.274	ug/l	95
89) n-Butylbenzene	12.335	91	142420	19.474	ug/l	97
90) Hexachloroethane	12.536	117	28066	19.227	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	93617	18.695	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.938	75	12527	19.317	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	68902	18.307	ug/l	95
94) Hexachlorobutadiene	13.725	225	33447	18.642	ug/l	98
95) Naphthalene	13.774	128	194679	19.151	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69222	18.523	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
Data File : VX041102.D
Acq On : 16 Apr 2024 14:10
Operator : JC/MD
Sample : VX0416WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 02:09:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

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

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

