

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034223.D
 Acq On : 22 Feb 2023 12:57
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 03:19:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	307584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	491992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183766	44.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.720%		
35) Dibromofluoromethane	5.385	113	157571	49.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.646	98	578646	50.312	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.620%		
62) 4-Bromofluorobenzene	11.079	95	207203	47.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	851	0.320	ug/l #	63
3) Chloromethane	1.294	50	1795	0.469	ug/l #	86
4) Vinyl Chloride	1.373	62	1460	0.419	ug/l	97
5) Bromomethane	1.611	94	1352	0.978	ug/l #	74
6) Chloroethane	1.684	64	1183	0.676	ug/l #	81
7) Trichlorofluoromethane	1.892	101	2183	0.463	ug/l #	71
8) Diethyl Ether	2.135	74	949	0.500	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.324	101	1177	0.355	ug/l	91
10) Methyl Iodide	2.458	142	1222	0.302	ug/l #	92
11) Tert butyl alcohol	2.940	59	4444	4.797	ug/l #	86
12) 1,1-Dichloroethene	2.318	96	1206	0.363	ug/l	96
13) Acrolein	2.233	56	1538	3.637	ug/l	98
14) Allyl chloride	2.666	41	2758	0.391	ug/l #	85
15) Acrylonitrile	3.068	53	3968	1.963	ug/l	95
16) Acetone	2.385	43	4316	2.020	ug/l	95
17) Carbon Disulfide	2.513	76	3818	0.399	ug/l #	95
18) Methyl Acetate	2.702	43	2436	0.368	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	4688	0.399	ug/l #	91
20) Methylene Chloride	2.794	84	2562	0.665	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	1519	0.436	ug/l #	82
22) Diisopropyl ether	3.751	45	4851	0.392	ug/l #	26
23) Vinyl Acetate	3.727	43	17547	1.770	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2790	0.411	ug/l #	93
25) 2-Butanone	4.586	43	6275	2.030	ug/l	91
26) 2,2-Dichloropropane	4.464	77	3332m	0.542	ug/l	
27) cis-1,2-Dichloroethene	4.495	96	1666	0.404	ug/l	94
28) Bromochloromethane	4.891	49	1003	0.331	ug/l #	79
29) Tetrahydrofuran	5.013	42	3448	1.828	ug/l #	75
30) Chloroform	5.092	83	2823	0.433	ug/l	88
31) Cyclohexane	5.458	56	2480	0.401	ug/l #	76
32) 1,1,1-Trichloroethane	5.391	97	2201	0.376	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	2009	0.424	ug/l	90
37) Ethyl Acetate	4.751	43	2926m	0.553	ug/l	
38) Carbon Tetrachloride	5.677	117	2197	0.451	ug/l #	89
39) Methylcyclohexane	7.384	83	2230	0.366	ug/l	92
40) Benzene	6.043	78	5596	0.399	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034223.D
 Acq On : 22 Feb 2023 12:57
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 03:19:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1593m	0.540	ug/l	
42) 1,2-Dichloroethane	6.098	62	2389	0.484	ug/l	91
43) Isopropyl Acetate	6.348	43	3913	0.419	ug/l #	85
44) Trichloroethene	7.122	130	1341	0.372	ug/l	98
45) 1,2-Dichloropropane	7.433	63	1471	0.394	ug/l #	75
46) Dibromomethane	7.586	93	1019	0.414	ug/l #	79
47) Bromodichloromethane	7.829	83	1995	0.395	ug/l	91
48) Methyl methacrylate	7.701	41	1205	0.272	ug/l #	78
49) 1,4-Dioxane	7.708	88	675	7.631	ug/l #	14
51) 4-Methyl-2-Pentanone	8.573	43	10018	1.949	ug/l	99
52) Toluene	8.720	92	3466	0.407	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	1917	0.330	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	2427	0.390	ug/l #	82
55) 1,1,2-Trichloroethane	9.159	97	1443	0.420	ug/l	88
56) Ethyl methacrylate	9.122	69	1992	0.343	ug/l #	74
57) 1,3-Dichloropropane	9.317	76	2381	0.399	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	6419	2.551	ug/l	94
59) 2-Hexanone	9.433	43	6699	1.710	ug/l	96
60) Dibromochloromethane	9.524	129	1354	0.357	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1503	0.414	ug/l	95
64) Tetrachloroethene	9.280	164	1466	0.478	ug/l #	81
65) Chlorobenzene	10.079	112	3915	0.432	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.164	131	1248	0.356	ug/l #	67
67) Ethyl Benzene	10.195	91	6569	0.404	ug/l	96
68) m/p-Xylenes	10.305	106	4928	0.791	ug/l	93
69) o-Xylene	10.646	106	2491	0.402	ug/l	92
70) Styrene	10.658	104	3902	0.387	ug/l	97
71) Bromoform	10.805	173	929	0.325	ug/l #	89
73) Isopropylbenzene	10.963	105	5749	0.378	ug/l	99
74) N-amyl acetate	10.841	43	2958	0.387	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	2159	0.415	ug/l	94
76) 1,2,3-Trichloropropane	11.243	75	1695m	0.337	ug/l	
77) Bromobenzene	11.201	156	1454	0.397	ug/l	80
78) n-propylbenzene	11.304	91	6960	0.393	ug/l	94
79) 2-Chlorotoluene	11.365	91	4223	0.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4766	0.372	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	535m	0.273	ug/l	
82) 4-Chlorotoluene	11.463	91	5156	0.417	ug/l	91
83) tert-Butylbenzene	11.713	119	5037	0.384	ug/l	94
84) 1,2,4-Trimethylbenzene	11.749	105	4905	0.379	ug/l	99
85) sec-Butylbenzene	11.890	105	5689	0.357	ug/l	99
86) p-Isopropyltoluene	12.012	119	4733	0.359	ug/l #	85
87) 1,3-Dichlorobenzene	11.969	146	3040	0.442	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	3084m	0.445	ug/l	
89) n-Butylbenzene	12.335	91	4214	0.359	ug/l	95
90) Hexachloroethane	12.536	117	795	0.289	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2687	0.400	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	429	0.345	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	1490	0.345	ug/l	97
94) Hexachlorobutadiene	13.725	225	744	0.416	ug/l	99
95) Naphthalene	13.780	128	5029	0.346	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1823	0.425	ug/l	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
Data File : VX034223.D
Acq On : 22 Feb 2023 12:57
Operator : JC/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 03:19:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

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

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

