

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042202.D
 Acq On : 05 Jul 2024 10:33
 Operator : JC/MD
 Sample : VX0705WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:17:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88547	45.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.700%		
35) Dibromofluoromethane	5.391	113	84021	49.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	280760	46.773	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.540%		
62) 4-Bromofluorobenzene	11.079	95	108477	49.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	27860	21.598	ug/l	100
3) Chloromethane	1.301	50	31418	19.415	ug/l	96
4) Vinyl Chloride	1.374	62	29354	18.096	ug/l	100
5) Bromomethane	1.593	94	16798	20.971	ug/l	99
6) Chloroethane	1.666	64	15942	21.910	ug/l	94
7) Trichlorofluoromethane	1.874	101	45536	21.426	ug/l	98
8) Diethyl Ether	2.136	74	17719	17.761	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	28658	19.575	ug/l #	85
10) Methyl Iodide	2.441	142	34476	18.946	ug/l #	86
11) Tert butyl alcohol	2.989	59	34773	93.843	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	28172	19.291	ug/l	83
13) Acrolein	2.240	56	30734	73.993	ug/l	98
14) Allyl chloride	2.660	41	44438	19.187	ug/l	89
15) Acrylonitrile	3.069	53	90759	93.773	ug/l	99
16) Acetone	2.392	43	75616	88.200	ug/l #	87
17) Carbon Disulfide	2.502	76	56360	18.927	ug/l	99
18) Methyl Acetate	2.709	43	39973	17.092	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	94341	19.554	ug/l	100
20) Methylene Chloride	2.788	84	33289	17.733	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	28259	19.066	ug/l	86
22) Diisopropyl ether	3.770	45	92303	18.854	ug/l	86
23) Vinyl Acetate	3.721	43	407087	97.368	ug/l	96
24) 1,1-Dichloroethane	3.605	63	52844	19.275	ug/l	97
25) 2-Butanone	4.568	43	121826	91.338	ug/l	92
26) 2,2-Dichloropropane	4.471	77	40005	20.150	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	35541	19.146	ug/l	87
28) Bromochloromethane	4.898	49	22578	19.227	ug/l #	68
29) Tetrahydrofuran	5.019	42	77274	89.707	ug/l	92
30) Chloroform	5.099	83	54581	19.109	ug/l	98
31) Cyclohexane	5.458	56	43792	19.179	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	46824	19.619	ug/l	95
36) 1,1-Dichloropropene	5.690	75	35249	19.427	ug/l	94
37) Ethyl Acetate	4.727	43	45972	19.450	ug/l	97
38) Carbon Tetrachloride	5.672	117	40413	20.159	ug/l	96
39) Methylcyclohexane	7.379	83	45913	20.008	ug/l	90
40) Benzene	6.038	78	121459	19.848	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042202.D
 Acq On : 05 Jul 2024 10:33
 Operator : JC/MD
 Sample : VX0705WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:17:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24481	19.107	ug/l	91
42) 1,2-Dichloroethane	6.086	62	39396	19.986	ug/l	90
43) Isopropyl Acetate	6.349	43	67241	18.534	ug/l #	93
44) Trichloroethene	7.123	130	32792	19.991	ug/l	86
45) 1,2-Dichloropropane	7.428	63	29428	19.558	ug/l	99
46) Dibromomethane	7.586	93	21489	19.601	ug/l #	76
47) Bromodichloromethane	7.824	83	39124	19.437	ug/l	96
48) Methyl methacrylate	7.696	41	33039	19.082	ug/l #	85
49) 1,4-Dioxane	7.671	88	14965	340.070	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	237642	95.091	ug/l	95
52) Toluene	8.720	92	77761	19.955	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	39341	19.333	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44069	19.998	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	32406	19.963	ug/l	96
56) Ethyl methacrylate	9.116	69	50193	19.875	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	51592	19.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	122638	104.206	ug/l	93
59) 2-Hexanone	9.433	43	184580	96.433	ug/l	93
60) Dibromochloromethane	9.519	129	34632	19.640	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33519	19.910	ug/l	99
64) Tetrachloroethene	9.275	164	32123	20.154	ug/l	88
65) Chlorobenzene	10.080	112	88732	19.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32211	20.208	ug/l	98
67) Ethyl Benzene	10.195	91	143738	20.145	ug/l	97
68) m/p-Xylenes	10.299	106	115129	39.972	ug/l	92
69) o-Xylene	10.640	106	57432	20.141	ug/l	93
70) Styrene	10.659	104	95691	20.012	ug/l	94
71) Bromoform	10.799	173	27549	18.951	ug/l #	99
73) Isopropylbenzene	10.964	105	147424	20.149	ug/l	96
74) N-amyl acetate	10.842	43	59560	18.326	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	51288	18.852	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40323m	18.458	ug/l	
77) Bromobenzene	11.201	156	42701	19.595	ug/l	78
78) n-propylbenzene	11.305	91	157602	19.852	ug/l	96
79) 2-Chlorotoluene	11.366	91	100336	19.616	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	122651	20.125	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	13827	17.975	ug/l	91
82) 4-Chlorotoluene	11.457	91	112590	19.912	ug/l	92
83) tert-Butylbenzene	11.713	119	132248	19.777	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	125163	20.471	ug/l	93
85) sec-Butylbenzene	11.890	105	154429	20.417	ug/l	96
86) p-Isopropyltoluene	12.006	119	133594	20.220	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	73863	19.284	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	74444	18.943	ug/l	95
89) n-Butylbenzene	12.335	91	97155	19.102	ug/l	97
90) Hexachloroethane	12.536	117	21113	18.769	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	77157	19.686	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10060	18.659	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	49465	19.266	ug/l	95
94) Hexachlorobutadiene	13.725	225	25159	19.378	ug/l	99
95) Naphthalene	13.774	128	154505	18.389	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51393	18.979	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
Data File : VX042202.D
Acq On : 05 Jul 2024 10:33
Operator : JC/MD
Sample : VX0705WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:17:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

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

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

