

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042321.D
 Acq On : 15 Jul 2024 12:31
 Operator : JC/MD
 Sample : VX0715WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 05:38:45 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	161074	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	224938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85765	46.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.385	113	84114	52.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.400%		
50) Toluene-d8	8.647	98	276926	49.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.079	95	108879	52.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	25932	21.132	ug/l	96
3) Chloromethane	1.307	50	25893	16.819	ug/l	95
4) Vinyl Chloride	1.374	62	26173	16.960	ug/l	99
5) Bromomethane	1.593	94	15057	19.759	ug/l	99
6) Chloroethane	1.666	64	13988	19.954	ug/l	# 88
7) Trichlorofluoromethane	1.874	101	42394	20.968	ug/l	98
8) Diethyl Ether	2.136	74	16071	16.934	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	28610	20.542	ug/l	# 84
10) Methyl Iodide	2.441	142	27563	15.923	ug/l	# 87
11) Tert butyl alcohol	2.995	59	31825	90.284	ug/l	# 93
12) 1,1-Dichloroethene	2.307	96	26372	18.983	ug/l	84
13) Acrolein	2.240	56	23085	58.423	ug/l	97
14) Allyl chloride	2.660	41	39322	17.847	ug/l	# 87
15) Acrylonitrile	3.069	53	87932	95.502	ug/l	98
16) Acetone	2.392	43	73453	90.062	ug/l	# 86
17) Carbon Disulfide	2.502	76	53107	18.748	ug/l	99
18) Methyl Acetate	2.709	43	41221	18.527	ug/l	# 91
19) Methyl tert-butyl Ether	3.123	73	88357	19.251	ug/l	100
20) Methylene Chloride	2.788	84	31425	17.597	ug/l	# 84
21) trans-1,2-Dichloroethene	3.087	96	27178	19.275	ug/l	83
22) Diisopropyl ether	3.764	45	86774	18.632	ug/l	95
23) Vinyl Acetate	3.721	43	372638	93.690	ug/l	95
24) 1,1-Dichloroethane	3.605	63	49314	18.908	ug/l	94
25) 2-Butanone	4.568	43	122198	96.307	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	39565	20.949	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	34193	19.362	ug/l	84
28) Bromochloromethane	4.904	49	18919	16.936	ug/l	# 69
29) Tetrahydrofuran	5.019	42	75204	91.773	ug/l	91
30) Chloroform	5.093	83	53282	19.610	ug/l	99
31) Cyclohexane	5.465	56	40096	18.459	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	45655	20.109	ug/l	95
36) 1,1-Dichloropropene	5.696	75	33089	19.523	ug/l	93
37) Ethyl Acetate	4.727	43	44362	20.093	ug/l	97
38) Carbon Tetrachloride	5.672	117	39524	21.106	ug/l	98
39) Methylcyclohexane	7.379	83	43765	20.418	ug/l	89
40) Benzene	6.038	78	113213	19.806	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042321.D
 Acq On : 15 Jul 2024 12:31
 Operator : JC/MD
 Sample : VX0715WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 05:38:45 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	23234	19.413	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	37105	20.152	ug/l	90
43) Isopropyl Acetate	6.349	43	64410	19.006	ug/l #	94
44) Trichloroethene	7.129	130	31770	20.735	ug/l	82
45) 1,2-Dichloropropane	7.434	63	27636	19.662	ug/l	100
46) Dibromomethane	7.580	93	20656	20.170	ug/l #	74
47) Bromodichloromethane	7.824	83	37139	19.753	ug/l	99
48) Methyl methacrylate	7.696	41	30504	18.861	ug/l #	82
49) 1,4-Dioxane	7.671	88	9818	244.781	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	231458	99.151	ug/l	94
52) Toluene	8.720	92	74510	20.470	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37560	19.736	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	42181	20.491	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	31633	20.861	ug/l	97
56) Ethyl methacrylate	9.122	69	46450	19.690	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	49162	20.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	111171	101.127	ug/l	90
59) 2-Hexanone	9.433	43	179235	100.247	ug/l	90
60) Dibromochloromethane	9.519	129	33700	20.460	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32694	20.790	ug/l	98
64) Tetrachloroethene	9.275	164	32425	21.877	ug/l	89
65) Chlorobenzene	10.080	112	87736	20.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31182	21.036	ug/l	98
67) Ethyl Benzene	10.195	91	136380	20.555	ug/l	96
68) m/p-Xylenes	10.299	106	113008	42.193	ug/l	90
69) o-Xylene	10.640	106	55285	20.849	ug/l	91
70) Styrene	10.659	104	93930	21.124	ug/l	93
71) Bromoform	10.799	173	27419	20.200	ug/l #	99
73) Isopropylbenzene	10.964	105	144098	20.804	ug/l	97
74) N-amyl acetate	10.842	43	55839	18.149	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	49583	19.252	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	43891m	21.224	ug/l	
77) Bromobenzene	11.201	156	41132	19.939	ug/l	77
78) n-propylbenzene	11.305	91	154247	20.524	ug/l	96
79) 2-Chlorotoluene	11.366	91	97399	20.115	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	119791	20.764	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13020	17.880	ug/l	90
82) 4-Chlorotoluene	11.457	91	109177	20.397	ug/l	91
83) tert-Butylbenzene	11.713	119	131908	20.837	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	121417	20.977	ug/l	93
85) sec-Butylbenzene	11.890	105	149555	20.887	ug/l	95
86) p-Isopropyltoluene	12.012	119	131658	21.050	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	73944	20.393	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	74626	20.059	ug/l	96
89) n-Butylbenzene	12.335	91	98508	20.460	ug/l	97
90) Hexachloroethane	12.536	117	20209	18.978	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	75085	20.237	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10096	19.781	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	49822	20.498	ug/l	95
94) Hexachlorobutadiene	13.725	225	25902	21.075	ug/l	99
95) Naphthalene	13.774	128	149329	18.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52751	20.578	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
Data File : VX042321.D
Acq On : 15 Jul 2024 12:31
Operator : JC/MD
Sample : VX0715WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/16/2024
Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 05:38:45 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

