

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041845.D
 Acq On : 13 Jun 2024 11:49
 Operator : JC/MD
 Sample : VX0613WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Mahesh Dadoda 06/14/2024

Quant Time: Jun 14 00:54:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	267996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105775	46.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.240%		
35) Dibromofluoromethane	5.385	113	93559	50.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	8.647	98	341607	52.764	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.520%		
62) 4-Bromofluorobenzene	11.079	95	124831	52.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32003	19.688	ug/l	98
3) Chloromethane	1.300	50	38677	21.808	ug/l	96
4) Vinyl Chloride	1.374	62	37941	20.781	ug/l	100
5) Bromomethane	1.599	94	20616	16.214	ug/l	99
6) Chloroethane	1.666	64	19298	17.488	ug/l	99
7) Trichlorofluoromethane	1.867	101	56232	18.861	ug/l	99
8) Diethyl Ether	2.136	74	23681	20.609	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	35506	21.017	ug/l	87
10) Methyl Iodide	2.447	142	45306	21.506	ug/l	# 87
11) Tert butyl alcohol	3.001	59	43786	109.094	ug/l	# 94
12) 1,1-Dichloroethene	2.312	96	33760	20.473	ug/l	# 79
13) Acrolein	2.239	56	31737	84.926	ug/l	98
14) Allyl chloride	2.660	41	57838	21.320	ug/l	90
15) Acrylonitrile	3.068	53	112969	114.770	ug/l	99
16) Acetone	2.392	43	111198	110.217	ug/l	90
17) Carbon Disulfide	2.501	76	62467	17.124	ug/l	98
18) Methyl Acetate	2.709	43	56350	26.011	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	117626	21.320	ug/l	98
20) Methylene Chloride	2.788	84	41931	20.652	ug/l	# 86
21) trans-1,2-Dichloroethene	3.087	96	34624	20.237	ug/l	89
22) Diisopropyl ether	3.763	45	122266	22.053	ug/l	95
23) Vinyl Acetate	3.721	43	522000	104.803	ug/l	96
24) 1,1-Dichloroethane	3.605	63	66780	21.301	ug/l	96
25) 2-Butanone	4.568	43	159516	113.123	ug/l	95
26) 2,2-Dichloropropane	4.471	77	50338	19.571	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	44649	21.831	ug/l	88
28) Bromochloromethane	4.903	49	24782	18.354	ug/l	# 80
29) Tetrahydrofuran	5.013	42	99669	112.077	ug/l	95
30) Chloroform	5.092	83	68290	20.748	ug/l	94
31) Cyclohexane	5.458	56	54120	20.204	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	57036	19.774	ug/l	96
36) 1,1-Dichloropropene	5.690	75	44313	19.751	ug/l	95
37) Ethyl Acetate	4.721	43	59273	20.934	ug/l	98
38) Carbon Tetrachloride	5.672	117	47782	18.745	ug/l	96
39) Methylcyclohexane	7.379	83	56313	20.430	ug/l	93
40) Benzene	6.037	78	152608	21.761	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31470	22.726	ug/l	92
42) 1,2-Dichloroethane	6.086	62	49583	18.940	ug/l	92
43) Isopropyl Acetate	6.348	43	86953	20.340	ug/l	95
44) Trichloroethene	7.123	130	40138	21.045	ug/l	90
45) 1,2-Dichloropropane	7.427	63	36984	22.181	ug/l	100
46) Dibromomethane	7.580	93	26622	20.817	ug/l #	76
47) Bromodichloromethane	7.824	83	48059	20.295	ug/l	99
48) Methyl methacrylate	7.696	41	43933	21.400	ug/l	88
49) 1,4-Dioxane	7.665	88	21509	479.516	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	311667	112.430	ug/l	97
52) Toluene	8.720	92	97288	21.860	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	47779	20.498	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	54852	21.272	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	40345	22.488	ug/l	97
56) Ethyl methacrylate	9.116	69	62173	22.705	ug/l	91
57) 1,3-Dichloropropane	9.311	76	65510	21.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	130605	101.308	ug/l	94
59) 2-Hexanone	9.433	43	240726	113.902	ug/l	93
60) Dibromochloromethane	9.518	129	41386	20.795	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41242	21.781	ug/l	100
64) Tetrachloroethene	9.275	164	38267	20.894	ug/l	90
65) Chlorobenzene	10.079	112	112730	21.495	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	38933	21.394	ug/l	99
67) Ethyl Benzene	10.195	91	179944	21.530	ug/l	100
68) m/p-Xylenes	10.299	106	142994	43.007	ug/l	94
69) o-Xylene	10.640	106	72324	21.866	ug/l	92
70) Styrene	10.659	104	121365	22.215	ug/l	94
71) Bromoform	10.799	173	32959	20.796	ug/l #	99
73) Isopropylbenzene	10.963	105	184296	22.765	ug/l	97
74) N-amyl acetate	10.841	43	79305	22.114	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	66334	23.088	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52046m	22.856	ug/l	
77) Bromobenzene	11.195	156	52258	21.869	ug/l	80
78) n-propylbenzene	11.305	91	198391	22.317	ug/l	96
79) 2-Chlorotoluene	11.366	91	127537	22.321	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	153568	22.719	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17261	20.660	ug/l	96
82) 4-Chlorotoluene	11.451	91	141058	21.700	ug/l	91
83) tert-Butylbenzene	11.713	119	164332	22.570	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	156676	22.878	ug/l	95
85) sec-Butylbenzene	11.890	105	186612	22.356	ug/l	95
86) p-Isopropyltoluene	12.006	119	166114	22.690	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	93102	21.816	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	95140	21.627	ug/l	96
89) n-Butylbenzene	12.329	91	123704	21.345	ug/l	97
90) Hexachloroethane	12.536	117	25197	20.236	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	98507	22.661	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12983	22.369	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	62040	21.655	ug/l	95
94) Hexachlorobutadiene	13.725	225	30323	21.363	ug/l	98
95) Naphthalene	13.774	128	190985	22.590	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64547	21.891	ug/l	94

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

