

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039828.D
 Acq On : 19 Jan 2024 11:06
 Operator : JC/MD
 Sample : VX0119WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/22/2024
 Supervised By : Mahesh Dadoda 01/22/2024

Quant Time: Jan 20 00:21:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	162971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73639	48.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.379	113	56360	51.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.680%		
50) Toluene-d8	8.647	98	204301	49.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.700%		
62) 4-Bromofluorobenzene	11.079	95	82721	51.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20002	16.904	ug/l	97
3) Chloromethane	1.294	50	22460	16.621	ug/l	94
4) Vinyl Chloride	1.374	62	22429	17.587	ug/l	97
5) Bromomethane	1.605	94	15021	20.643	ug/l	98
6) Chloroethane	1.691	64	14116	19.471	ug/l	92
7) Trichlorofluoromethane	1.892	101	35303	19.189	ug/l	98
8) Diethyl Ether	2.130	74	13422	19.742	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	21358	18.726	ug/l	100
10) Methyl Iodide	2.453	142	22709	18.873	ug/l	93
11) Tert butyl alcohol	2.941	59	34004	85.267	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	20767	18.867	ug/l	95
13) Acrolein	2.233	56	17729	60.718	ug/l	100
14) Allyl chloride	2.660	41	39187	18.088	ug/l	98
15) Acrylonitrile	3.056	53	76420	92.769	ug/l	99
16) Acetone	2.374	43	80077	92.941	ug/l	96
17) Carbon Disulfide	2.514	76	56974	18.008	ug/l	98
18) Methyl Acetate	2.697	43	35356	19.615	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	73194	18.730	ug/l	99
20) Methylene Chloride	2.788	84	25289	19.405	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	22419	19.354	ug/l	96
22) Diisopropyl ether	3.751	45	77640	18.779	ug/l	92
23) Vinyl Acetate	3.715	43	365201	95.028	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43821	19.267	ug/l	99
25) 2-Butanone	4.544	43	114398	92.393	ug/l	95
26) 2,2-Dichloropropane	4.471	77	32417	17.758	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25589	19.261	ug/l	99
28) Bromochloromethane	4.891	49	19589	19.000	ug/l	96
29) Tetrahydrofuran	4.995	42	73000	91.601	ug/l	99
30) Chloroform	5.086	83	44322	19.740	ug/l	95
31) Cyclohexane	5.464	56	36033	17.822	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	37214	19.360	ug/l	99
36) 1,1-Dichloropropene	5.684	75	32603	19.082	ug/l	99
37) Ethyl Acetate	4.702	43	41002	17.988	ug/l	99
38) Carbon Tetrachloride	5.672	117	30005	19.174	ug/l	96
39) Methylcyclohexane	7.373	83	36707	17.891	ug/l	98
40) Benzene	6.031	78	93110	19.245	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20416	18.316	ug/l	92
42) 1,2-Dichloroethane	6.080	62	36823	20.019	ug/l	100
43) Isopropyl Acetate	6.330	43	61804	18.483	ug/l	100
44) Trichloroethene	7.123	130	23778	20.054	ug/l	100
45) 1,2-Dichloropropane	7.421	63	24963	19.234	ug/l	100
46) Dibromomethane	7.574	93	18124	20.218	ug/l	97
47) Bromodichloromethane	7.818	83	33970	20.461	ug/l	96
48) Methyl methacrylate	7.684	41	31209	18.989	ug/l	95
49) 1,4-Dioxane	7.653	88	11686	367.456	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	218203	94.752	ug/l	98
52) Toluene	8.714	92	57675	19.958	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	33811	19.192	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	37856	19.542	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	24316	19.764	ug/l	94
56) Ethyl methacrylate	9.110	69	37671	18.918	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41326	19.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	90339	95.981	ug/l	95
59) 2-Hexanone	9.427	43	176077	96.608	ug/l	98
60) Dibromochloromethane	9.519	129	24515	21.129	ug/l	99
61) 1,2-Dibromoethane	9.604	107	25765	20.222	ug/l	100
64) Tetrachloroethene	9.269	164	19876	19.994	ug/l	93
65) Chlorobenzene	10.079	112	61742	19.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22154	20.435	ug/l	97
67) Ethyl Benzene	10.189	91	112008	18.949	ug/l	98
68) m/p-Xylenes	10.299	106	83918	38.603	ug/l	95
69) o-Xylene	10.640	106	40512	18.818	ug/l	94
70) Styrene	10.653	104	67866	19.298	ug/l	98
71) Bromoform	10.799	173	16721	20.541	ug/l #	98
73) Isopropylbenzene	10.957	105	109205	18.199	ug/l	100
74) N-amyl acetate	10.842	43	53013	16.948	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	41772	18.230	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	35116m	17.971	ug/l	
77) Bromobenzene	11.195	156	25795	19.307	ug/l	98
78) n-propylbenzene	11.305	91	132665	18.266	ug/l	98
79) 2-Chlorotoluene	11.360	91	79438	17.697	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	91871	18.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10254	17.414	ug/l	97
82) 4-Chlorotoluene	11.451	91	92604	18.188	ug/l	100
83) tert-Butylbenzene	11.713	119	88882	18.267	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	93756	18.439	ug/l	100
85) sec-Butylbenzene	11.890	105	114893	18.190	ug/l	99
86) p-Isopropyltoluene	12.006	119	95000	18.819	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48967	19.119	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	49223	18.609	ug/l	98
89) n-Butylbenzene	12.329	91	88836	18.220	ug/l	96
90) Hexachloroethane	12.536	117	15115	17.749	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	47683	18.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9512	16.941	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	28291	18.284	ug/l	99
94) Hexachlorobutadiene	13.725	225	12008	18.669	ug/l	97
95) Naphthalene	13.774	128	98474	17.288	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28373	18.169	ug/l	98

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

