

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041101.D
 Acq On : 16 Apr 2024 13:45
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 02:09:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	221084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	304159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117124	49.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.140%		
35) Dibromofluoromethane	5.385	113	101964	50.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.360%		
50) Toluene-d8	8.647	98	364170	51.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.340%		
62) 4-Bromofluorobenzene	11.079	95	139087	51.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31243	17.817	ug/l	99
3) Chloromethane	1.300	50	34301	17.600	ug/l	99
4) Vinyl Chloride	1.374	62	40101	17.953	ug/l	98
5) Bromomethane	1.605	94	26190	18.702	ug/l	95
6) Chloroethane	1.691	64	26554	18.010	ug/l	98
7) Trichlorofluoromethane	1.892	101	67331	19.204	ug/l	98
8) Diethyl Ether	2.136	74	24794	18.020	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	38451	18.866	ug/l #	86
10) Methyl Iodide	2.453	142	45550	21.274	ug/l	90
11) Tert butyl alcohol	2.953	59	42196	90.363	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	35124	18.001	ug/l	86
13) Acrolein	2.233	56	57963	98.700	ug/l	99
14) Allyl chloride	2.666	41	57970	18.370	ug/l	95
15) Acrylonitrile	3.062	53	104919	90.747	ug/l	99
16) Acetone	2.379	43	91873	91.573	ug/l	94
17) Carbon Disulfide	2.514	76	76490	17.221	ug/l	99
18) Methyl Acetate	2.703	43	46856	18.707	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	113956	18.895	ug/l	97
20) Methylene Chloride	2.788	84	38382	17.929	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	36266	18.119	ug/l	88
22) Diisopropyl ether	3.757	45	114277	18.909	ug/l	91
23) Vinyl Acetate	3.721	43	520063	94.952	ug/l	95
24) 1,1-Dichloroethane	3.611	63	64993	18.368	ug/l	99
25) 2-Butanone	4.556	43	145812	92.500	ug/l	94
26) 2,2-Dichloropropane	4.471	77	52139	18.564	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	44273	18.309	ug/l	90
28) Bromochloromethane	4.897	49	26401	17.362	ug/l #	73
29) Tetrahydrofuran	5.001	42	95357	91.375	ug/l	93
30) Chloroform	5.092	83	71886	18.696	ug/l	100
31) Cyclohexane	5.470	56	54596	18.464	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	62828	18.619	ug/l	97
36) 1,1-Dichloropropene	5.690	75	46753	18.175	ug/l	95
37) Ethyl Acetate	4.714	43	54828	17.848	ug/l	98
38) Carbon Tetrachloride	5.678	117	56150	18.825	ug/l	97
39) Methylcyclohexane	7.379	83	59875	18.550	ug/l	91
40) Benzene	6.037	78	144243	18.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30130	18.715	ug/l	94
42) 1,2-Dichloroethane	6.086	62	53455	18.998	ug/l	95
43) Isopropyl Acetate	6.342	43	84066	18.428	ug/l	97
44) Trichloroethene	7.129	130	42608	18.269	ug/l	87
45) 1,2-Dichloropropane	7.427	63	34906	18.721	ug/l	96
46) Dibromomethane	7.580	93	27247	18.586	ug/l #	74
47) Bromodichloromethane	7.818	83	54014	18.929	ug/l	99
48) Methyl methacrylate	7.689	41	42776	19.211	ug/l	93
49) 1,4-Dioxane	7.659	88	20017	384.711	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	288778	93.186	ug/l	97
52) Toluene	8.720	92	97096	18.942	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	51622	18.861	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	56558	18.809	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	39107	19.001	ug/l	97
56) Ethyl methacrylate	9.116	69	58045	17.522	ug/l	97
57) 1,3-Dichloropropane	9.305	76	62004	18.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	149184	103.068	ug/l	93
59) 2-Hexanone	9.427	43	226724	94.577	ug/l	97
60) Dibromochloromethane	9.518	129	46423	18.648	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40952	18.216	ug/l	97
64) Tetrachloroethene	9.275	164	43719	19.241	ug/l	88
65) Chlorobenzene	10.079	112	114417	18.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	40745	18.872	ug/l	99
67) Ethyl Benzene	10.195	91	184741	18.758	ug/l	96
68) m/p-Xylenes	10.299	106	148003	37.782	ug/l	94
69) o-Xylene	10.640	106	71096	18.645	ug/l	94
70) Styrene	10.652	104	122625	18.939	ug/l	95
71) Bromoform	10.799	173	36771	18.082	ug/l #	98
73) Isopropylbenzene	10.963	105	189988	19.120	ug/l	97
74) N-amyl acetate	10.841	43	72418	18.372	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	59389	18.214	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48787m	17.772	ug/l	
77) Bromobenzene	11.195	156	55358	18.976	ug/l	75
78) n-propylbenzene	11.305	91	213868	19.193	ug/l	95
79) 2-Chlorotoluene	11.360	91	129488	19.062	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	156113	18.861	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	16911	17.646	ug/l	95
82) 4-Chlorotoluene	11.451	91	151666	19.176	ug/l	93
83) tert-Butylbenzene	11.713	119	167116	18.931	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	159600	19.320	ug/l	94
85) sec-Butylbenzene	11.890	105	202327	19.101	ug/l	95
86) p-Isopropyltoluene	12.006	119	180899	19.243	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	100894	18.334	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	103765	17.879	ug/l	96
89) n-Butylbenzene	12.329	91	151214	18.960	ug/l	97
90) Hexachloroethane	12.536	117	28957	18.191	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	98916	18.113	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13185	18.643	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	74736	18.209	ug/l	96
94) Hexachlorobutadiene	13.725	225	36254	18.529	ug/l	98
95) Naphthalene	13.774	128	203870	18.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75075	18.422	ug/l	96

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

