

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040265.D
 Acq On : 16 Feb 2024 10:08
 Operator : JC/MD
 Sample : VX0216WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 17 01:29:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60070	49.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.500%		
35) Dibromofluoromethane	5.385	113	48778	51.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.200%		
50) Toluene-d8	8.647	98	174273	49.283	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	68816	47.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17918	19.546	ug/l	92
3) Chloromethane	1.294	50	17152	18.144	ug/l	98
4) Vinyl Chloride	1.374	62	18934	18.953	ug/l	99
5) Bromomethane	1.605	94	13649	24.211	ug/l	97
6) Chloroethane	1.685	64	11662	18.510	ug/l	100
7) Trichlorofluoromethane	1.886	101	31023	19.337	ug/l	98
8) Diethyl Ether	2.130	74	11474	19.039	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	17498	20.333	ug/l	99
10) Methyl Iodide	2.453	142	19970	20.902	ug/l	94
11) Tert butyl alcohol	2.953	59	19504	82.934	ug/l	# 90
12) 1,1-Dichloroethene	2.319	96	16240	19.600	ug/l	87
13) Acrolein	2.233	56	17847	82.218	ug/l	98
14) Allyl chloride	2.666	41	27781	19.321	ug/l	96
15) Acrylonitrile	3.062	53	52364	99.513	ug/l	99
16) Acetone	2.373	43	48414	97.634	ug/l	90
17) Carbon Disulfide	2.514	76	38945	17.804	ug/l	99
18) Methyl Acetate	2.703	43	23038	17.331	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	58081	19.897	ug/l	95
20) Methylene Chloride	2.788	84	19674	20.214	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	17233	18.262	ug/l	93
22) Diisopropyl ether	3.757	45	58343	20.007	ug/l	# 94
23) Vinyl Acetate	3.721	43	261206	100.478	ug/l	97
24) 1,1-Dichloroethane	3.605	63	33184	19.535	ug/l	99
25) 2-Butanone	4.550	43	72821	93.948	ug/l	96
26) 2,2-Dichloropropane	4.471	77	25631	19.601	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	21470	19.944	ug/l	93
28) Bromochloromethane	4.904	49	16108	22.335	ug/l	92
29) Tetrahydrofuran	5.001	42	47755	94.567	ug/l	96
30) Chloroform	5.092	83	35988	19.595	ug/l	93
31) Cyclohexane	5.470	56	26317	18.274	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	30658	19.843	ug/l	98
36) 1,1-Dichloropropene	5.696	75	26128	19.730	ug/l	99
37) Ethyl Acetate	4.708	43	28662	19.452	ug/l	# 90
38) Carbon Tetrachloride	5.678	117	23743	18.857	ug/l	97
39) Methylcyclohexane	7.379	83	29225	18.990	ug/l	91
40) Benzene	6.037	78	73938	19.966	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	14919	19.099	ug/l	90
42) 1,2-Dichloroethane	6.086	62	28478	19.674	ug/l	100
43) Isopropyl Acetate	6.336	43	44984	19.557	ug/l	98
44) Trichloroethene	7.129	130	20169	19.745	ug/l	96
45) 1,2-Dichloropropane	7.427	63	19691	20.429	ug/l	96
46) Dibromomethane	7.574	93	14594	20.558	ug/l	96
47) Bromodichloromethane	7.818	83	27354	19.998	ug/l	96
48) Methyl methacrylate	7.690	41	22453	19.077	ug/l	91
49) 1,4-Dioxane	7.653	88	9008	351.814	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	156156	99.435	ug/l	98
52) Toluene	8.714	92	48442	19.971	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	28535	18.640	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	31185	20.343	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	21253	20.543	ug/l	98
56) Ethyl methacrylate	9.116	69	30339	19.589	ug/l	96
57) 1,3-Dichloropropane	9.305	76	34439	20.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	75490	103.034	ug/l	97
59) 2-Hexanone	9.427	43	121624	97.681	ug/l	99
60) Dibromochloromethane	9.519	129	21110	20.028	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21598	19.640	ug/l	99
64) Tetrachloroethene	9.275	164	18110	19.694	ug/l	95
65) Chlorobenzene	10.079	112	53972	19.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19060	20.094	ug/l	99
67) Ethyl Benzene	10.195	91	94940	19.464	ug/l	98
68) m/p-Xylenes	10.299	106	72433	39.320	ug/l	99
69) o-Xylene	10.640	106	35512	19.837	ug/l	99
70) Styrene	10.652	104	59046	19.839	ug/l	98
71) Bromoform	10.799	173	15358	18.516	ug/l #	99
73) Isopropylbenzene	10.963	105	96600	20.095	ug/l	100
74) N-amyl acetate	10.841	43	41352	20.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34594	20.030	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28420m	20.563	ug/l	
77) Bromobenzene	11.195	156	23161	20.399	ug/l	94
78) n-propylbenzene	11.305	91	115884	19.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	67974	19.342	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	80664	19.932	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8422	19.447	ug/l	94
82) 4-Chlorotoluene	11.451	91	80260	19.275	ug/l	99
83) tert-Butylbenzene	11.713	119	77424	19.513	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	81755	19.968	ug/l	99
85) sec-Butylbenzene	11.890	105	102203	20.043	ug/l	100
86) p-Isopropyltoluene	12.006	119	83022	19.862	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45135	20.063	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	46383	19.471	ug/l	100
89) n-Butylbenzene	12.329	91	78081	19.352	ug/l	98
90) Hexachloroethane	12.536	117	12581	19.082	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	43461	19.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7370	18.489	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	29597	19.851	ug/l	95
94) Hexachlorobutadiene	13.725	225	11103	18.659	ug/l	97
95) Naphthalene	13.774	128	92539	19.652	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29005	20.409	ug/l	98

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

