

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033927.D
 Acq On : 27 Jan 2023 11:09
 Operator : JC/MD
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

Quant Time: Jan 28 03:01:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78425	46.520	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.040%		
35) Dibromofluoromethane	5.385	113	72025	52.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.980%		
50) Toluene-d8	8.647	98	253058	50.621	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.240%		
62) 4-Bromofluorobenzene	11.079	95	96267	51.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	21082	16.662	ug/l	99
3) Chloromethane	1.295	50	25065	17.932	ug/l	98
4) Vinyl Chloride	1.374	62	25513	18.810	ug/l	99
5) Bromomethane	1.612	94	13773	17.673	ug/l	98
6) Chloroethane	1.691	64	14464	17.249	ug/l	98
7) Trichlorofluoromethane	1.892	101	38527	17.515	ug/l	100
8) Diethyl Ether	2.130	74	15544	21.582	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	26430	21.269	ug/l	93
10) Methyl Iodide	2.453	142	34895	19.621	ug/l	92
11) Tert butyl alcohol	2.965	59	23303	79.570	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	24862	19.083	ug/l	87
13) Acrolein	2.233	56	37143	137.458	ug/l	100
14) Allyl chloride	2.666	41	41599	16.929	ug/l	88
15) Acrylonitrile	3.063	53	73163	94.924	ug/l	100
16) Acetone	2.380	43	74213	114.413	ug/l	92
17) Carbon Disulfide	2.514	76	51432	16.853	ug/l	98
18) Methyl Acetate	2.703	43	45102	19.170	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	80680	17.830	ug/l	100
20) Methylene Chloride	2.788	84	27729	17.277	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25707	16.879	ug/l	96
22) Diisopropyl ether	3.751	45	88176	17.835	ug/l	91
23) Vinyl Acetate	3.715	43	331180	88.984	ug/l	99
24) 1,1-Dichloroethane	3.611	63	47391	17.521	ug/l	99
25) 2-Butanone	4.556	43	102409	92.972	ug/l	96
26) 2,2-Dichloropropane	4.471	77	33655	17.370	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	31676	18.090	ug/l	96
28) Bromochloromethane	4.891	49	25570	20.753	ug/l	95
29) Tetrahydrofuran	5.001	42	64200	92.475	ug/l	97
30) Chloroform	5.093	83	49426	17.841	ug/l	99
31) Cyclohexane	5.471	56	41168	16.595	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	41470	17.532	ug/l	97
36) 1,1-Dichloropropene	5.690	75	35322	17.639	ug/l	98
37) Ethyl Acetate	4.709	43	38307	18.233	ug/l	99
38) Carbon Tetrachloride	5.678	117	37664	18.160	ug/l	98
39) Methylcyclohexane	7.379	83	43224	17.479	ug/l	96
40) Benzene	6.038	78	107656	18.445	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21960	19.901	ug/l	97
42) 1,2-Dichloroethane	6.086	62	37697	18.225	ug/l	100
43) Isopropyl Acetate	6.336	43	58654	18.554	ug/l	98
44) Trichloroethene	7.123	130	31980	19.594	ug/l	99
45) 1,2-Dichloropropane	7.428	63	28016	19.161	ug/l	97
46) Dibromomethane	7.580	93	19913	19.498	ug/l	97
47) Bromodichloromethane	7.818	83	37677	19.143	ug/l	96
48) Methyl methacrylate	7.690	41	30216	18.975	ug/l	97
49) 1,4-Dioxane	7.684	88	12949	367.616	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	194987	100.433	ug/l	99
52) Toluene	8.714	92	71186	18.886	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36683	18.637	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	41828	18.966	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	30760	20.617	ug/l	98
56) Ethyl methacrylate	9.116	69	42342	20.166	ug/l	96
57) 1,3-Dichloropropane	9.305	76	49396	20.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98420	95.175	ug/l	98
59) 2-Hexanone	9.427	43	144226	106.732	ug/l	98
60) Dibromochloromethane	9.519	129	32147	20.783	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30998	20.818	ug/l	97
64) Tetrachloroethene	9.275	164	29540	20.210	ug/l	98
65) Chlorobenzene	10.080	112	79868	19.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30941	20.440	ug/l	99
67) Ethyl Benzene	10.195	91	134579	19.056	ug/l	98
68) m/p-Xylenes	10.299	106	107701	38.989	ug/l	99
69) o-Xylene	10.640	106	53376	19.484	ug/l	98
70) Styrene	10.653	104	88414	19.845	ug/l	100
71) Bromoform	10.799	173	25395	20.020	ug/l #	99
73) Isopropylbenzene	10.964	105	141025	18.403	ug/l	100
74) N-amyl acetate	10.842	43	48984	17.401	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	43961	19.244	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39772m	20.192	ug/l	
77) Bromobenzene	11.195	156	38719	18.924	ug/l	98
78) n-propylbenzene	11.305	91	156017	17.835	ug/l	99
79) 2-Chlorotoluene	11.366	91	94099	18.005	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116627	18.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11193	17.661	ug/l	94
82) 4-Chlorotoluene	11.451	91	105768	17.628	ug/l	98
83) tert-Butylbenzene	11.713	119	121992	19.046	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116689	19.123	ug/l	99
85) sec-Butylbenzene	11.890	105	144952	18.921	ug/l	99
86) p-Isopropyltoluene	12.006	119	127957	19.509	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70533	19.472	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70242	19.036	ug/l	99
89) n-Butylbenzene	12.329	91	101015	18.826	ug/l	99
90) Hexachloroethane	12.536	117	20359	18.870	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	68673	19.647	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8381	19.159	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	48186	20.465	ug/l	100
94) Hexachlorobutadiene	13.725	225	22924	19.876	ug/l	98
95) Naphthalene	13.774	128	137256	20.263	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48182	20.451	ug/l	100

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

