

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037379.D
 Acq On : 30 Aug 2023 11:11
 Operator : JC/MD
 Sample : VX0830WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:18:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97103	40.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.520%		
35) Dibromofluoromethane	5.385	113	83974	45.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.980%		
50) Toluene-d8	8.647	98	295799	44.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.320%#		
62) 4-Bromofluorobenzene	11.079	95	122282	46.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38056	19.827	ug/l	99
3) Chloromethane	1.301	50	33882	20.178	ug/l	97
4) Vinyl Chloride	1.374	62	36447	19.941	ug/l	100
5) Bromomethane	1.599	94	17096	18.778	ug/l	100
6) Chloroethane	1.679	64	23532	21.879	ug/l	99
7) Trichlorofluoromethane	1.880	101	57977	19.364	ug/l	96
8) Diethyl Ether	2.130	74	22320	19.269	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	34202	19.581	ug/l	96
10) Methyl Iodide	2.447	142	35076	16.523	ug/l	95
11) Tert butyl alcohol	2.965	59	48058	86.003	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	31603	18.580	ug/l	87
13) Acrolein	2.233	56	34242	80.551	ug/l	99
14) Allyl chloride	2.660	41	48167	18.296	ug/l #	89
15) Acrylonitrile	3.062	53	95813	96.065	ug/l	99
16) Acetone	2.380	43	90059	96.639	ug/l #	86
17) Carbon Disulfide	2.508	76	72364	16.726	ug/l	99
18) Methyl Acetate	2.703	43	63906	18.213	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	117193	18.167	ug/l	97
20) Methylene Chloride	2.788	84	38729	18.584	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	34916	18.058	ug/l	87
22) Diisopropyl ether	3.764	45	100586	18.619	ug/l #	81
23) Vinyl Acetate	3.721	43	376913	91.043	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	62850	18.552	ug/l	97
25) 2-Butanone	4.556	43	130468	92.980	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	56245	18.590	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	41617	18.257	ug/l	90
28) Bromochloromethane	4.904	49	30710	20.292	ug/l #	70
29) Tetrahydrofuran	5.001	42	78754	88.008	ug/l #	81
30) Chloroform	5.087	83	70181	18.454	ug/l	98
31) Cyclohexane	5.464	56	51824	19.348	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	61806	18.136	ug/l	96
36) 1,1-Dichloropropene	5.690	75	48295	18.617	ug/l	96
37) Ethyl Acetate	4.715	43	48370	18.253	ug/l #	92
38) Carbon Tetrachloride	5.678	117	53315	18.920	ug/l	95
39) Methylcyclohexane	7.379	83	62713	23.010	ug/l	90
40) Benzene	6.038	78	146828	19.735	ug/l	98

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41) Methacrylonitrile	4.922	41	25735	18.681	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	54271	18.601	ug/l	94
43) Isopropyl Acetate	6.342	43	77017	18.307	ug/l #	91
44) Trichloroethene	7.123	130	39480	18.714	ug/l	97
45) 1,2-Dichloropropane	7.428	63	36766	20.042	ug/l	99
46) Dibromomethane	7.580	93	27803	19.239	ug/l	92
47) Bromodichloromethane	7.824	83	52116	18.828	ug/l	98
48) Methyl methacrylate	7.690	41	38050	18.546	ug/l #	84
49) 1,4-Dioxane	7.665	88	21930	396.881	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	246463	96.476	ug/l	89
52) Toluene	8.720	92	98607	20.059	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	54618	18.532	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60848	19.105	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	40053	20.010	ug/l	95
56) Ethyl methacrylate	9.116	69	60711	19.364	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	67355	19.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	168719	112.134	ug/l	91
59) 2-Hexanone	9.427	43	194154	99.676	ug/l	87
60) Dibromochloromethane	9.519	129	41106	19.288	ug/l	99
61) 1,2-Dibromoethane	9.610	107	43300	19.758	ug/l	99
64) Tetrachloroethene	9.275	164	32317	17.047	ug/l	97
65) Chlorobenzene	10.080	112	106681	19.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	39145	19.311	ug/l	99
67) Ethyl Benzene	10.195	91	187560	19.407	ug/l	99
68) m/p-Xylenes	10.299	106	147573	39.541	ug/l	97
69) o-Xylene	10.640	106	73549	19.974	ug/l	98
70) Styrene	10.653	104	120285	19.831	ug/l	97
71) Bromoform	10.799	173	29388	19.381	ug/l #	99
73) Isopropylbenzene	10.964	105	192470	19.691	ug/l	98
74) N-amyl acetate	10.842	43	67729	17.833	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	64699	19.654	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	53496m	18.679	ug/l	
77) Bromobenzene	11.195	156	45217	18.941	ug/l	92
78) n-propylbenzene	11.305	91	217705	20.002	ug/l	98
79) 2-Chlorotoluene	11.366	91	136115	19.570	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	165042	20.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17693	17.255	ug/l	91
82) 4-Chlorotoluene	11.457	91	155920	19.420	ug/l	98
83) tert-Butylbenzene	11.713	119	165549	21.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	167336	20.306	ug/l	97
85) sec-Butylbenzene	11.890	105	203868	22.445	ug/l	99
86) p-Isopropyltoluene	12.006	119	172962	22.121	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	87726	19.628	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88423	19.149	ug/l	100
89) n-Butylbenzene	12.329	91	144014	22.216	ug/l	99
90) Hexachloroethane	12.536	117	28398	21.760	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	87423	19.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14568	19.046	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	52540	20.517	ug/l	96
94) Hexachlorobutadiene	13.725	225	23860	24.118	ug/l	98
95) Naphthalene	13.774	128	182778	16.294	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52738	20.729	ug/l	99

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

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