

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035418.D
 Acq On : 29 Apr 2023 12:59
 Operator : JC/MD
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS01

Quant Time: May 01 04:27:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	300917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	468999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187711	51.706	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.420%			
35) Dibromofluoromethane	5.385	113	157752	54.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	8.647	98	575250	52.975	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.940%			
62) 4-Bromofluorobenzene	11.079	95	220269	53.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60441	18.982	ug/l	99
3) Chloromethane	1.294	50	48244	16.656	ug/l	99
4) Vinyl Chloride	1.374	62	51191	17.621	ug/l	99
5) Bromomethane	1.617	94	34208	17.716	ug/l	96
6) Chloroethane	1.691	64	31494	18.536	ug/l	95
7) Trichlorofluoromethane	1.892	101	85280	18.771	ug/l	98
8) Diethyl Ether	2.136	74	30324	18.307	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	56735	18.698	ug/l	95
10) Methyl Iodide	2.453	142	64966	16.964	ug/l	98
11) Tert butyl alcohol	3.020	59	55991	84.704	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	52763	18.053	ug/l	98
13) Acrolein	2.239	56	52296	80.447	ug/l	97
14) Allyl chloride	2.666	41	90304	17.558	ug/l	98
15) Acrylonitrile	3.068	53	145830	88.206	ug/l	99
16) Acetone	2.398	43	140079	88.841	ug/l	96
17) Carbon Disulfide	2.514	76	120976	17.267	ug/l	99
18) Methyl Acetate	2.709	43	108703	17.828	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	192785	19.227	ug/l	96
20) Methylene Chloride	2.788	84	62317	17.237	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	59418	18.719	ug/l	87
22) Diisopropyl ether	3.757	45	190050	18.673	ug/l	95
23) Vinyl Acetate	3.721	43	659201	94.225	ug/l	98
24) 1,1-Dichloroethane	3.611	63	108045	18.846	ug/l	100
25) 2-Butanone	4.568	43	199261	86.582	ug/l	93
26) 2,2-Dichloropropane	4.477	77	85724	19.086	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	70179	18.809	ug/l	93
28) Bromochloromethane	4.897	49	54163	22.170	ug/l	86
29) Tetrahydrofuran	5.013	42	124817	84.604	ug/l	94
30) Chloroform	5.092	83	112336	19.410	ug/l	96
31) Cyclohexane	5.470	56	95362	18.517	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	98106	19.343	ug/l	97
36) 1,1-Dichloropropene	5.696	75	82713	18.402	ug/l	98
37) Ethyl Acetate	4.714	43	75188	18.315	ug/l	96
38) Carbon Tetrachloride	5.678	117	84233	19.741	ug/l	97
39) Methylcyclohexane	7.379	83	100628	18.392	ug/l	97
40) Benzene	6.037	78	244234	18.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42890	18.233	ug/l	96
42) 1,2-Dichloroethane	6.086	62	87818	19.102	ug/l	97
43) Isopropyl Acetate	6.342	43	126085	18.278	ug/l	94
44) Trichloroethene	7.129	130	68402	19.257	ug/l	96
45) 1,2-Dichloropropane	7.433	63	62818	19.324	ug/l	96
46) Dibromomethane	7.580	93	42137	18.876	ug/l	92
47) Bromodichloromethane	7.818	83	80231	19.507	ug/l	99
48) Methyl methacrylate	7.689	41	63726	18.833	ug/l	93
49) 1,4-Dioxane	7.714	88	28304	343.169	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	387901	91.531	ug/l	96
52) Toluene	8.720	92	157312	19.248	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85531	19.913	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	96710	19.920	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	61836	18.979	ug/l	98
56) Ethyl methacrylate	9.116	69	95597	19.696	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	106334	19.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	248932	102.573	ug/l	94
59) 2-Hexanone	9.427	43	291216	91.470	ug/l	94
60) Dibromochloromethane	9.518	129	62185	19.920	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65103	19.383	ug/l	99
64) Tetrachloroethene	9.275	164	60337	18.938	ug/l	97
65) Chlorobenzene	10.079	112	169622	18.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	61326	19.574	ug/l	98
67) Ethyl Benzene	10.195	91	300174	19.254	ug/l	100
68) m/p-Xylenes	10.299	106	231885	38.817	ug/l	98
69) o-Xylene	10.640	106	115165	19.660	ug/l	98
70) Styrene	10.652	104	185535	19.534	ug/l	98
71) Bromoform	10.799	173	43170	19.810	ug/l #	98
73) Isopropylbenzene	10.963	105	300140	20.222	ug/l	100
74) N-amyl acetate	10.841	43	110435	19.799	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	88230	19.152	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71637m	17.687	ug/l	
77) Bromobenzene	11.195	156	73804	20.004	ug/l	92
78) n-propylbenzene	11.305	91	338537	19.860	ug/l	99
79) 2-Chlorotoluene	11.366	91	206273	19.365	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	254219	20.313	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22442	17.946	ug/l	96
82) 4-Chlorotoluene	11.451	91	236983	19.809	ug/l	97
83) tert-Butylbenzene	11.713	119	248204	19.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	250571	19.927	ug/l	100
85) sec-Butylbenzene	11.890	105	297785	19.333	ug/l	100
86) p-Isopropyltoluene	12.006	119	257670	19.670	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	134956	19.248	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	137482	18.702	ug/l	100
89) n-Butylbenzene	12.329	91	206572	18.680	ug/l	98
90) Hexachloroethane	12.536	117	38284	19.091	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	133664	19.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17194	18.613	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	82528	18.722	ug/l	98
94) Hexachlorobutadiene	13.725	225	34259	17.709	ug/l	99
95) Naphthalene	13.774	128	268591	19.793	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82135	18.510	ug/l	98

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

