

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034604.D
 Acq On : 18 Mar 2023 02:08
 Operator : JC/MD
 Sample : VX0317WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD02

Quant Time: Mar 20 00:13:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	252190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195670	53.333	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.385	113	149338	52.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.647	98	571598	53.488	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.980%			
62) 4-Bromofluorobenzene	11.079	95	252405	58.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41683	17.729	ug/l	98
3) Chloromethane	1.307	50	55042	14.523	ug/l	97
4) Vinyl Chloride	1.374	62	58137	18.161	ug/l	99
5) Bromomethane	1.599	94	38404	23.777	ug/l	95
6) Chloroethane	1.685	64	38344	20.803	ug/l	97
7) Trichlorofluoromethane	1.886	101	96428	20.047	ug/l	96
8) Diethyl Ether	2.130	74	37503	21.358	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	52169	18.610	ug/l	99
10) Methyl Iodide	2.453	142	68011	18.479	ug/l	97
11) Tert butyl alcohol	2.959	59	77364	101.260	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49041	17.763	ug/l	96
13) Acrolein	2.233	56	42527	70.362	ug/l	99
14) Allyl chloride	2.660	41	95186	17.006	ug/l	98
15) Acrylonitrile	3.062	53	175222	106.169	ug/l	99
16) Acetone	2.380	43	161472	93.433	ug/l	100
17) Carbon Disulfide	2.508	76	108373	13.949	ug/l	99
18) Methyl Acetate	2.703	43	122727	21.733	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	193256	19.550	ug/l	99
20) Methylene Chloride	2.788	84	60870	18.148	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	54449	18.571	ug/l	94
22) Diisopropyl ether	3.757	45	210452	19.721	ug/l	100
23) Vinyl Acetate	3.721	43	788290	97.059	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109042	19.008	ug/l	99
25) 2-Butanone	4.556	43	254485	102.912	ug/l	99
26) 2,2-Dichloropropane	4.471	77	68182	13.674	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	65932	18.680	ug/l	98
28) Bromochloromethane	4.897	49	52694	19.756	ug/l	98
29) Tetrahydrofuran	5.001	42	163976	107.463	ug/l	100
30) Chloroform	5.092	83	111520	19.832	ug/l	92
31) Cyclohexane	5.470	56	91029	17.691	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	92925	18.667	ug/l	97
36) 1,1-Dichloropropene	5.690	75	76866	17.482	ug/l	99
37) Ethyl Acetate	4.714	43	97727	20.345	ug/l	99
38) Carbon Tetrachloride	5.678	117	76950	17.592	ug/l	97
39) Methylcyclohexane	7.379	83	89315	16.974	ug/l	94
40) Benzene	6.037	78	238491	18.542	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52863	20.081	ug/l	99
42) 1,2-Dichloroethane	6.086	62	93107	19.696	ug/l	99
43) Isopropyl Acetate	6.336	43	158266	19.449	ug/l	99
44) Trichloroethene	7.129	130	60123	17.990	ug/l	100
45) 1,2-Dichloropropane	7.427	63	65205	19.415	ug/l	98
46) Dibromomethane	7.580	93	44831	19.635	ug/l	97
47) Bromodichloromethane	7.818	83	81325	18.404	ug/l	97
48) Methyl methacrylate	7.690	41	77083	19.696	ug/l	97
49) 1,4-Dioxane	7.659	88	35807	435.603	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	540543	114.509	ug/l	98
52) Toluene	8.714	92	167957	21.092	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	96465	19.377	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	91044	16.904	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73323	23.201	ug/l	98
56) Ethyl methacrylate	9.116	69	115529	22.265	ug/l	97
57) 1,3-Dichloropropane	9.311	76	126189	22.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	221202	82.719	ug/l	99
59) 2-Hexanone	9.427	43	451820	123.818	ug/l	99
60) Dibromochloromethane	9.518	129	71201	21.481	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75112	22.025	ug/l	99
64) Tetrachloroethene	9.275	164	54205	17.645	ug/l	97
65) Chlorobenzene	10.079	112	187738	18.710	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	67697	18.524	ug/l	99
67) Ethyl Benzene	10.195	91	338062	18.820	ug/l	97
68) m/p-Xylenes	10.299	106	253185	36.691	ug/l	96
69) o-Xylene	10.640	106	125269	18.090	ug/l	94
70) Styrene	10.652	104	207588	18.580	ug/l	99
71) Bromoform	10.799	173	46169	16.412	ug/l #	99
73) Isopropylbenzene	10.963	105	334721	19.769	ug/l	99
74) N-amyl acetate	10.841	43	156407	19.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	111010	19.648	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94532m	18.793	ug/l	
77) Bromobenzene	11.195	156	77981	19.197	ug/l	99
78) n-propylbenzene	11.305	91	375706	19.214	ug/l	99
79) 2-Chlorotoluene	11.366	91	238439	19.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	280307	19.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26282	14.135	ug/l #	84
82) 4-Chlorotoluene	11.457	91	273695	19.676	ug/l	99
83) tert-Butylbenzene	11.713	119	281991	19.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	278303	19.175	ug/l	98
85) sec-Butylbenzene	11.890	105	335000	19.137	ug/l	98
86) p-Isopropyltoluene	12.006	119	279370	18.989	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140516	17.654	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	142935	17.760	ug/l	98
89) n-Butylbenzene	12.335	91	230024	17.588	ug/l	98
90) Hexachloroethane	12.536	117	44250	16.255	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	142323	18.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24497	19.084	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81753	16.996	ug/l	97
94) Hexachlorobutadiene	13.725	225	33132	17.098	ug/l	99
95) Naphthalene	13.774	128	307857	19.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82970	17.646	ug/l	99

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

