

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035412.D
 Acq On : 29 Apr 2023 00:12
 Operator : JC/MD
 Sample : VX0428WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

Quant Time: Apr 29 02:03:27 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 04/29/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	256513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155423	50.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.385	113	128871	51.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.647	98	476143	50.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	182790	51.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49316	18.170	ug/l	99
3) Chloromethane	1.294	50	40673	16.473	ug/l	96
4) Vinyl Chloride	1.374	62	41976	16.950	ug/l	97
5) Bromomethane	1.617	94	28677	17.423	ug/l	92
6) Chloroethane	1.691	64	24973	17.242	ug/l	97
7) Trichlorofluoromethane	1.892	101	70381	18.174	ug/l	98
8) Diethyl Ether	2.130	74	24919	17.648	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	45281	17.506	ug/l	95
10) Methyl Iodide	2.453	142	52803	16.175	ug/l	97
11) Tert butyl alcohol	3.007	59	48992	86.946	ug/l #	81
12) 1,1-Dichloroethene	2.325	96	43182	17.333	ug/l	93
13) Acrolein	2.239	56	46919	84.670	ug/l	98
14) Allyl chloride	2.666	41	74685	17.034	ug/l	96
15) Acrylonitrile	3.068	53	118474	84.065	ug/l	99
16) Acetone	2.392	43	103146	76.742	ug/l	98
17) Carbon Disulfide	2.514	76	98367	16.470	ug/l	99
18) Methyl Acetate	2.709	43	90113	17.338	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	157441	18.420	ug/l	95
20) Methylene Chloride	2.788	84	51585	16.738	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	47962	17.725	ug/l	94
22) Diisopropyl ether	3.757	45	156382	18.025	ug/l	97
23) Vinyl Acetate	3.721	43	532603	89.308	ug/l	97
24) 1,1-Dichloroethane	3.611	63	88455	18.100	ug/l	99
25) 2-Butanone	4.562	43	161676	82.412	ug/l	96
26) 2,2-Dichloropropane	4.477	77	61972	16.186	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	56696	17.826	ug/l	94
28) Bromochloromethane	4.897	49	41112	19.741	ug/l	84
29) Tetrahydrofuran	5.013	42	103357	82.185	ug/l	94
30) Chloroform	5.093	83	91565	18.560	ug/l	93
31) Cyclohexane	5.470	56	76651	17.461	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	79043	18.282	ug/l	97
36) 1,1-Dichloropropene	5.690	75	66505	17.000	ug/l	98
37) Ethyl Acetate	4.715	43	61383	17.180	ug/l #	95
38) Carbon Tetrachloride	5.678	117	67416	18.154	ug/l	97
39) Methylcyclohexane	7.379	83	78094	16.400	ug/l	97
40) Benzene	6.037	78	196600	17.519	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36128	17.647	ug/l	96
42) 1,2-Dichloroethane	6.086	62	71951	17.982	ug/l	99
43) Isopropyl Acetate	6.336	43	103305	17.207	ug/l	95
44) Trichloroethene	7.129	130	55123	17.831	ug/l	95
45) 1,2-Dichloropropane	7.434	63	50547	17.866	ug/l	99
46) Dibromomethane	7.580	93	34380	17.696	ug/l	92
47) Bromodichloromethane	7.824	83	65146	18.199	ug/l	97
48) Methyl methacrylate	7.696	41	52405	17.795	ug/l	92
49) 1,4-Dioxane	7.714	88	25051	348.978	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	317461	86.070	ug/l	96
52) Toluene	8.720	92	128290	18.035	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	65771	17.594	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	76355	18.070	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	50970	17.974	ug/l	97
56) Ethyl methacrylate	9.116	69	76178	18.033	ug/l	89
57) 1,3-Dichloropropane	9.305	76	86537	17.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	204353	96.749	ug/l	94
59) 2-Hexanone	9.427	43	236462	85.337	ug/l	96
60) Dibromochloromethane	9.519	129	49737	18.306	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52433	17.936	ug/l	100
64) Tetrachloroethene	9.275	164	48833	17.764	ug/l	97
65) Chlorobenzene	10.079	112	137615	17.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49381	18.266	ug/l	99
67) Ethyl Benzene	10.195	91	244514	18.177	ug/l	99
68) m/p-Xylenes	10.299	106	187744	36.423	ug/l	99
69) o-Xylene	10.640	106	93536	18.505	ug/l	99
70) Styrene	10.652	104	152637	18.624	ug/l	97
71) Bromoform	10.799	173	33470	17.799	ug/l #	100
73) Isopropylbenzene	10.963	105	243430	18.502	ug/l	100
74) N-amyl acetate	10.841	43	87673	17.732	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	74387	18.216	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59151m	16.475	ug/l	
77) Bromobenzene	11.195	156	60021	18.352	ug/l	91
78) n-propylbenzene	11.305	91	269934	17.864	ug/l	99
79) 2-Chlorotoluene	11.366	91	166525	17.636	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	205695	18.542	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16771	15.129	ug/l	94
82) 4-Chlorotoluene	11.451	91	191922	18.097	ug/l	98
83) tert-Butylbenzene	11.713	119	200221	17.988	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	206135	18.493	ug/l	100
85) sec-Butylbenzene	11.890	105	244454	17.904	ug/l	99
86) p-Isopropyltoluene	12.006	119	205543	17.700	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	110714	17.813	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	109948	16.872	ug/l	98
89) n-Butylbenzene	12.329	91	161989	16.525	ug/l	99
90) Hexachloroethane	12.536	117	30737	17.291	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	109781	17.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14691	17.941	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	70211	17.969	ug/l	99
94) Hexachlorobutadiene	13.725	225	27650	16.124	ug/l	99
95) Naphthalene	13.774	128	226414	18.822	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68402	17.390	ug/l	100

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

