

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035350.D
 Acq On : 27 Apr 2023 18:40
 Operator : JC/MD
 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Quant Time: Apr 28 05:09:11 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 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	256384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155913	50.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.385	113	128363	51.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	8.646	98	479761	50.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.940%			
62) 4-Bromofluorobenzene	11.079	95	183596	51.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51833	19.106	ug/l	99
3) Chloromethane	1.294	50	43710	17.711	ug/l	97
4) Vinyl Chloride	1.373	62	43810	17.699	ug/l	99
5) Bromomethane	1.617	94	24160	14.686	ug/l	94
6) Chloroethane	1.690	64	25446	17.578	ug/l	95
7) Trichlorofluoromethane	1.885	101	73026	18.866	ug/l	95
8) Diethyl Ether	2.129	74	24231	17.169	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	47052	18.200	ug/l	95
10) Methyl Iodide	2.452	142	47631	14.598	ug/l	97
11) Tert butyl alcohol	3.001	59	50794	90.189	ug/l	97
12) 1,1-Dichloroethene	2.318	96	44844	18.009	ug/l	98
13) Acrolein	2.239	56	45406	81.980	ug/l	98
14) Allyl chloride	2.666	41	75890	17.318	ug/l	97
15) Acrylonitrile	3.068	53	130452	92.610	ug/l	100
16) Acetone	2.398	43	110714	82.414	ug/l	98
17) Carbon Disulfide	2.513	76	101072	16.932	ug/l	97
18) Methyl Acetate	2.708	43	96717	18.618	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	159498	18.670	ug/l	96
20) Methylene Chloride	2.788	84	52481	17.037	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49211	18.196	ug/l	95
22) Diisopropyl ether	3.757	45	161672	18.644	ug/l	98
23) Vinyl Acetate	3.720	43	555633	93.217	ug/l	98
24) 1,1-Dichloroethane	3.611	63	90842	18.598	ug/l	99
25) 2-Butanone	4.568	43	179173	91.377	ug/l	96
26) 2,2-Dichloropropane	4.476	77	61656	16.112	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59441	18.698	ug/l	92
28) Bromochloromethane	4.903	49	35930	17.261	ug/l	85
29) Tetrahydrofuran	5.013	42	115113	91.579	ug/l	95
30) Chloroform	5.098	83	93578	18.978	ug/l	97
31) Cyclohexane	5.470	56	79354	18.085	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	79323	18.356	ug/l	96
36) 1,1-Dichloropropene	5.696	75	68881	17.680	ug/l	99
37) Ethyl Acetate	4.720	43	66782	18.768	ug/l	95
38) Carbon Tetrachloride	5.677	117	68332	18.476	ug/l	96
39) Methylcyclohexane	7.378	83	83866	17.685	ug/l	97
40) Benzene	6.043	78	206618	18.488	ug/l	95

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41) Methacrylonitrile	4.921	41	39604	19.424	ug/l	97
42) 1,2-Dichloroethane	6.086	62	74791	18.769	ug/l	97
43) Isopropyl Acetate	6.342	43	108895	18.213	ug/l	96
44) Trichloroethene	7.128	130	58026	18.847	ug/l	100
45) 1,2-Dichloropropane	7.427	63	52211	18.530	ug/l	98
46) Dibromomethane	7.580	93	35196	18.190	ug/l	91
47) Bromodichloromethane	7.823	83	65884	18.481	ug/l	100
48) Methyl methacrylate	7.695	41	54305	18.516	ug/l	92
49) 1,4-Dioxane	7.714	88	25845	361.519	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	348405	94.848	ug/l	97
52) Toluene	8.720	92	131909	18.620	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66256	17.796	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77514	18.420	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	52679	18.653	ug/l	98
56) Ethyl methacrylate	9.116	69	81025	19.260	ug/l	89
57) 1,3-Dichloropropane	9.311	76	91342	18.910	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	218284	103.769	ug/l	95
59) 2-Hexanone	9.433	43	261082	94.610	ug/l	95
60) Dibromochloromethane	9.518	129	49928	18.452	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55825	19.175	ug/l	97
64) Tetrachloroethene	9.274	164	49762	17.950	ug/l	99
65) Chlorobenzene	10.079	112	142055	18.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	50652	18.580	ug/l	100
67) Ethyl Benzene	10.195	91	252793	18.635	ug/l	100
68) m/p-Xylenes	10.299	106	194609	37.438	ug/l	98
69) o-Xylene	10.640	106	94943	18.626	ug/l	99
70) Styrene	10.652	104	156709	18.961	ug/l	98
71) Bromoform	10.798	173	34212	18.042	ug/l	98
73) Isopropylbenzene	10.963	105	250765	18.957	ug/l	99
74) N-amyl acetate	10.841	43	93677	18.844	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	79335	19.323	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	62177m	17.225	ug/l	
77) Bromobenzene	11.201	156	62409	18.980	ug/l	91
78) n-propylbenzene	11.304	91	280441	18.460	ug/l	99
79) 2-Chlorotoluene	11.365	91	171703	18.087	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	212380	19.041	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16218	14.552	ug/l	92
82) 4-Chlorotoluene	11.457	91	195903	18.373	ug/l	97
83) tert-Butylbenzene	11.713	119	210934	18.848	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	212774	18.986	ug/l	100
85) sec-Butylbenzene	11.890	105	249925	18.206	ug/l	100
86) p-Isopropyltoluene	12.006	119	214677	18.388	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114394	18.306	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114870	17.533	ug/l	99
89) n-Butylbenzene	12.335	91	167753	17.021	ug/l	98
90) Hexachloroethane	12.536	117	30607	17.126	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	112972	18.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	15432	18.745	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	69012	17.567	ug/l	98
94) Hexachlorobutadiene	13.725	225	27529	15.967	ug/l	97
95) Naphthalene	13.774	128	233424	19.301	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69626	17.606	ug/l	99

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

