

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026293.D
 Acq On : 05 Jan 2022 00:42
 Operator : JC/MD
 Sample : VX0104WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD02

Quant Time: Jan 05 06:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	116312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94776	56.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.640%			
35) Dibromofluoromethane	5.391	113	68516	52.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.560%			
50) Toluene-d8	8.653	98	241979	50.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.079	95	93554	54.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	24275	19.872	ug/l	97
3) Chloromethane	1.294	50	22733	15.987	ug/l	96
4) Vinyl Chloride	1.380	62	24935	16.662	ug/l	100
5) Bromomethane	1.605	94	13944	15.098	ug/l	92
6) Chloroethane	1.691	64	15568	14.794	ug/l	99
7) Trichlorofluoromethane	1.892	101	41555	16.120	ug/l	99
8) Diethyl Ether	2.136	74	14987	16.923	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	25216	18.555	ug/l	99
10) Methyl Iodide	2.459	142	25011	14.231	ug/l	98
11) Tert butyl alcohol	2.953	59	31916	94.963	ug/l	98
12) 1,1-Dichloroethene	2.325	96	24474	19.002	ug/l	91
13) Acrolein	2.239	56	10290	85.622	ug/l	99
14) Allyl chloride	2.666	41	46122	18.121	ug/l	96
15) Acrylonitrile	3.062	53	78671	94.544	ug/l	99
16) Acetone	2.380	43	79209	86.880	ug/l	95
17) Carbon Disulfide	2.514	76	68207	18.452	ug/l	99
18) Methyl Acetate	2.703	43	55832	18.880	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	93917	20.876	ug/l	98
20) Methylene Chloride	2.794	84	27169	18.033	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	26969	19.194	ug/l	92
22) Diisopropyl ether	3.764	45	95603	19.679	ug/l	96
23) Vinyl Acetate	3.727	43	375469	97.333	ug/l	97
24) 1,1-Dichloroethane	3.611	63	51827	19.686	ug/l	99
25) 2-Butanone	4.556	43	117472	92.497	ug/l	96
26) 2,2-Dichloropropane	4.483	77	35324	17.808	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	31145	19.484	ug/l	93
28) Bromochloromethane	4.910	49	18609	15.947	ug/l	91
29) Tetrahydrofuran	5.007	42	75447	94.252	ug/l	95
30) Chloroform	5.099	83	53431	19.188	ug/l	99
31) Cyclohexane	5.477	56	45421	18.954	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	48569	20.063	ug/l	99
36) 1,1-Dichloropropene	5.702	75	39270	18.757	ug/l	98
37) Ethyl Acetate	4.715	43	45206	18.622	ug/l	99
38) Carbon Tetrachloride	5.684	117	40521	17.399	ug/l	98
39) Methylcyclohexane	7.385	83	43062	18.234	ug/l	91
40) Benzene	6.044	78	110424	18.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24736	18.044	ug/l	95
42) 1,2-Dichloroethane	6.092	62	47035	19.450	ug/l	96
43) Isopropyl Acetate	6.342	43	73483	18.573	ug/l	97
44) Trichloroethene	7.129	130	31021	19.294	ug/l	92
45) 1,2-Dichloropropane	7.434	63	28835	18.867	ug/l	97
46) Dibromomethane	7.586	93	20211	17.828	ug/l	99
47) Bromodichloromethane	7.824	83	40502	17.561	ug/l	97
48) Methyl methacrylate	7.696	41	36623	19.301	ug/l	92
49) 1,4-Dioxane	7.659	88	11929	341.149	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	226600	92.036	ug/l	98
52) Toluene	8.720	92	67496	18.349	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	36670	16.276	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	41805	17.149	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	27403	18.126	ug/l	98
56) Ethyl methacrylate	9.116	69	45486	19.508	ug/l	94
57) 1,3-Dichloropropane	9.311	76	48579	18.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98450	85.706	ug/l	96
59) 2-Hexanone	9.433	43	170827	91.597	ug/l	98
60) Dibromochloromethane	9.525	129	27652	16.146	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29185	18.042	ug/l	99
64) Tetrachloroethene	9.275	164	31695	21.812	ug/l	98
65) Chlorobenzene	10.079	112	69399	18.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	26207	18.182	ug/l	99
67) Ethyl Benzene	10.195	91	129169	19.098	ug/l	99
68) m/p-Xylenes	10.299	106	97146	38.468	ug/l	91
69) o-Xylene	10.640	106	47581	19.257	ug/l	90
70) Styrene	10.659	104	78980	19.498	ug/l	95
71) Bromoform	10.799	173	17761	15.190	ug/l #	98
73) Isopropylbenzene	10.963	105	124882	20.261	ug/l	99
74) N-amyl acetate	10.842	43	57585	20.346	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	36631	17.475	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36562m	19.102	ug/l	
77) Bromobenzene	11.201	156	29095	19.905	ug/l	91
78) n-propylbenzene	11.305	91	144664	20.413	ug/l	97
79) 2-Chlorotoluene	11.366	91	87808	20.129	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	105461	20.618	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7666	11.587	ug/l #	69
82) 4-Chlorotoluene	11.457	91	101205	20.542	ug/l	95
83) tert-Butylbenzene	11.713	119	96603	19.458	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	105207	20.585	ug/l	96
85) sec-Butylbenzene	11.890	105	124353	20.071	ug/l	97
86) p-Isopropyltoluene	12.012	119	102047	19.757	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	53686	19.565	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	53705	18.255	ug/l	98
89) n-Butylbenzene	12.335	91	87216	19.001	ug/l	99
90) Hexachloroethane	12.542	117	14259	13.822	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	52173	18.329	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8653	16.125	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	31310	18.614	ug/l	99
94) Hexachlorobutadiene	13.725	225	13117	18.782	ug/l	97
95) Naphthalene	13.774	128	117652	19.197	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32132	18.776	ug/l	99

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

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