

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026292.D
 Acq On : 05 Jan 2022 00:19
 Operator : JC/MD
 Sample : VX0104WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS02

Quant Time: Jan 05 06:20:07 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	114709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96609	58.216	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.440%			
35) Dibromofluoromethane	5.391	113	69960	54.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.680%			
50) Toluene-d8	8.653	98	248825	52.436	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.880%			
62) 4-Bromofluorobenzene	11.079	95	93196	55.169	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	24261	20.138	ug/l	94
3) Chloromethane	1.294	50	22975	16.383	ug/l	99
4) Vinyl Chloride	1.380	62	24438	16.558	ug/l	100
5) Bromomethane	1.605	94	14618	16.049	ug/l	99
6) Chloroethane	1.691	64	15723	15.150	ug/l	100
7) Trichlorofluoromethane	1.892	101	41424	16.294	ug/l	93
8) Diethyl Ether	2.136	74	14779	16.922	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	25304	18.880	ug/l	98
10) Methyl Iodide	2.459	142	22994	13.267	ug/l	97
11) Tert butyl alcohol	2.953	59	30714	92.664	ug/l	97
12) 1,1-Dichloroethene	2.325	96	24132	18.998	ug/l	91
13) Acrolein	2.239	56	10309	86.979	ug/l	99
14) Allyl chloride	2.666	41	45693	18.203	ug/l	96
15) Acrylonitrile	3.062	53	76682	93.441	ug/l	98
16) Acetone	2.380	43	77052	85.695	ug/l	94
17) Carbon Disulfide	2.514	76	67767	18.589	ug/l	99
18) Methyl Acetate	2.703	43	54969	18.848	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	93553	21.086	ug/l	100
20) Methylene Chloride	2.794	84	27632	18.627	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26072	18.815	ug/l	92
22) Diisopropyl ether	3.763	45	95542	19.942	ug/l	95
23) Vinyl Acetate	3.727	43	374197	98.359	ug/l	97
24) 1,1-Dichloroethane	3.617	63	51292	19.755	ug/l	96
25) 2-Butanone	4.556	43	115673	92.354	ug/l	98
26) 2,2-Dichloropropane	4.483	77	35988	18.396	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	30928	19.619	ug/l	92
28) Bromochloromethane	4.903	49	24004	20.858	ug/l	93
29) Tetrahydrofuran	5.001	42	74676	94.592	ug/l	95
30) Chloroform	5.099	83	53297	19.407	ug/l	98
31) Cyclohexane	5.476	56	45400	19.210	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	48357	20.255	ug/l	99
36) 1,1-Dichloropropene	5.702	75	38438	18.681	ug/l	98
37) Ethyl Acetate	4.714	43	44568	18.680	ug/l	100
38) Carbon Tetrachloride	5.684	117	40477	17.684	ug/l	97
39) Methylcyclohexane	7.385	83	42906	18.485	ug/l	92
40) Benzene	6.043	78	110141	18.755	ug/l	98

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41) Methacrylonitrile	4.922	41	25420	18.868	ug/l	93
42) 1,2-Dichloroethane	6.092	62	45952	19.335	ug/l	96
43) Isopropyl Acetate	6.342	43	73370	18.869	ug/l	97
44) Trichloroethene	7.129	130	31259	19.782	ug/l	90
45) 1,2-Dichloropropane	7.433	63	28496	18.971	ug/l	99
46) Dibromomethane	7.586	93	19924	17.882	ug/l	99
47) Bromodichloromethane	7.824	83	39443	17.400	ug/l	97
48) Methyl methacrylate	7.696	41	36295	19.463	ug/l	93
49) 1,4-Dioxane	7.659	88	11714	340.856	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	224666	92.845	ug/l	98
52) Toluene	8.720	92	69062	19.103	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	36073	16.290	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	41705	17.407	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	27412	18.448	ug/l	98
56) Ethyl methacrylate	9.116	69	45503	19.856	ug/l	94
57) 1,3-Dichloropropane	9.311	76	48252	18.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101569	89.478	ug/l	96
59) 2-Hexanone	9.433	43	169298	92.364	ug/l	97
60) Dibromochloromethane	9.525	129	27332	16.238	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28864	18.156	ug/l	100
64) Tetrachloroethene	9.275	164	31828	22.297	ug/l	99
65) Chlorobenzene	10.079	112	70021	18.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26238	18.530	ug/l	98
67) Ethyl Benzene	10.195	91	129272	19.456	ug/l	97
68) m/p-Xylenes	10.305	106	97801	39.422	ug/l	92
69) o-Xylene	10.640	106	47170	19.433	ug/l	89
70) Styrene	10.659	104	77989	19.599	ug/l	95
71) Bromoform	10.799	173	17350	15.104	ug/l #	99
73) Isopropylbenzene	10.963	105	125672	20.771	ug/l	98
74) N-amyl acetate	10.841	43	57649	20.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	36523	17.749	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	36804m	19.589	ug/l	
77) Bromobenzene	11.201	156	28636	19.958	ug/l	90
78) n-propylbenzene	11.305	91	141507	20.342	ug/l	97
79) 2-Chlorotoluene	11.366	91	88561	20.681	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	104269	20.767	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7491	11.535	ug/l #	67
82) 4-Chlorotoluene	11.457	91	101178	20.921	ug/l	94
83) tert-Butylbenzene	11.713	119	95686	19.634	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	105941	21.116	ug/l	95
85) sec-Butylbenzene	11.890	105	124279	20.435	ug/l	98
86) p-Isopropyltoluene	12.012	119	102590	20.235	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53442	19.841	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	52900	18.318	ug/l	96
89) n-Butylbenzene	12.335	91	85806	19.044	ug/l	98
90) Hexachloroethane	12.542	117	13773	13.601	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52669	18.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8352	15.855	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	30888	18.707	ug/l	99
94) Hexachlorobutadiene	13.725	225	12616	18.403	ug/l	97
95) Naphthalene	13.774	128	115864	19.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31573	18.794	ug/l	99

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

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