

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026700.D
 Acq On : 01 Feb 2022 12:33
 Operator : JC/MD
 Sample : VX0201WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBS01

Quant Time: Feb 02 04:34:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59369	45.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.700%			
35) Dibromofluoromethane	5.385	113	48292	50.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	8.647	98	182463	53.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.160%			
62) 4-Bromofluorobenzene	11.079	95	68216	55.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16523	15.097	ug/l	99
3) Chloromethane	1.295	50	16880	16.824	ug/l	98
4) Vinyl Chloride	1.380	62	17551	16.661	ug/l	99
5) Bromomethane	1.618	94	9746	20.056	ug/l	99
6) Chloroethane	1.697	64	9140	17.159	ug/l	98
7) Trichlorofluoromethane	1.892	101	27778	16.702	ug/l	99
8) Diethyl Ether	2.136	74	10138	17.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	18482	18.236	ug/l	100
10) Methyl Iodide	2.459	142	21249	22.189	ug/l	95
11) Tert butyl alcohol	3.008	59	15342m	85.180	ug/l	
12) 1,1-Dichloroethene	2.325	96	17195	17.764	ug/l	89
13) Acrolein	2.239	56	17374	90.779	ug/l	98
14) Allyl chloride	2.666	41	31060	17.448	ug/l	97
15) Acrylonitrile	3.069	53	54612	98.500	ug/l	99
16) Acetone	2.392	43	59606	90.276	ug/l	95
17) Carbon Disulfide	2.520	76	40978	14.500	ug/l	100
18) Methyl Acetate	2.709	43	25195	19.194	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	62806	17.882	ug/l	100
20) Methylene Chloride	2.794	84	20150	18.471	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	18614	17.763	ug/l	95
22) Diisopropyl ether	3.764	45	66167	18.299	ug/l	97
23) Vinyl Acetate	3.727	43	268672	90.267	ug/l	99
24) 1,1-Dichloroethane	3.611	63	35660	18.261	ug/l	100
25) 2-Butanone	4.562	43	79437	92.513	ug/l	100
26) 2,2-Dichloropropane	4.477	77	25594	17.682	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	21904	18.315	ug/l	98
28) Bromochloromethane	4.898	49	13872	17.300	ug/l	95
29) Tetrahydrofuran	5.013	42	49285	96.642	ug/l	99
30) Chloroform	5.099	83	37152	18.310	ug/l	98
31) Cyclohexane	5.477	56	32659	17.102	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31735	17.781	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27008	17.934	ug/l	99
37) Ethyl Acetate	4.715	43	28856	18.942	ug/l	99
38) Carbon Tetrachloride	5.684	117	28200	18.205	ug/l	98
39) Methylcyclohexane	7.385	83	33213	18.284	ug/l	96
40) Benzene	6.044	78	79376	19.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16733	19.391	ug/l	97
42) 1,2-Dichloroethane	6.086	62	29229	17.948	ug/l	98
43) Isopropyl Acetate	6.342	43	46332	18.828	ug/l	98
44) Trichloroethene	7.123	130	23320	19.744	ug/l	92
45) 1,2-Dichloropropane	7.428	63	20604	19.831	ug/l	100
46) Dibromomethane	7.580	93	14579	19.905	ug/l	100
47) Bromodichloromethane	7.824	83	28538	19.284	ug/l	98
48) Methyl methacrylate	7.696	41	23301	19.107	ug/l	97
49) 1,4-Dioxane	7.702	88	6556	327.588	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	149612	102.505	ug/l	98
52) Toluene	8.720	92	51659	20.238	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	28073	18.958	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31086	19.558	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	21015	21.097	ug/l	98
56) Ethyl methacrylate	9.116	69	31810	20.838	ug/l	97
57) 1,3-Dichloropropane	9.311	76	35763	20.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	81137	101.364	ug/l	99
59) 2-Hexanone	9.433	43	113546	101.642	ug/l	99
60) Dibromochloromethane	9.525	129	22312	21.495	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21526	20.739	ug/l	100
64) Tetrachloroethene	9.275	164	25086	19.631	ug/l	94
65) Chlorobenzene	10.080	112	55875	19.615	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20723	19.579	ug/l	100
67) Ethyl Benzene	10.195	91	101248	19.559	ug/l	100
68) m/p-Xylenes	10.299	106	76236	39.353	ug/l	99
69) o-Xylene	10.640	106	37275	19.941	ug/l	98
70) Styrene	10.659	104	62472	20.481	ug/l	98
71) Bromoform	10.799	173	14609	19.470	ug/l #	100
73) Isopropylbenzene	10.964	105	99656	19.463	ug/l	99
74) N-amyl acetate	10.842	43	36433	18.431	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26616	19.366	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	27387m	19.912	ug/l	
77) Bromobenzene	11.201	156	23181	19.762	ug/l	98
78) n-propylbenzene	11.305	91	112474	19.263	ug/l	99
79) 2-Chlorotoluene	11.366	91	67960	19.193	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	82685	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7455	20.371	ug/l	99
82) 4-Chlorotoluene	11.457	91	78567	19.307	ug/l	100
83) tert-Butylbenzene	11.713	119	78262	19.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82462	19.531	ug/l	99
85) sec-Butylbenzene	11.890	105	101418	19.897	ug/l	99
86) p-Isopropyltoluene	12.012	119	86462	20.218	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42896	19.509	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	43286	19.450	ug/l	99
89) n-Butylbenzene	12.335	91	71815	19.569	ug/l	99
90) Hexachloroethane	12.542	117	12914	19.485	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41344	19.898	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5594	16.841	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	25743	19.324	ug/l	99
94) Hexachlorobutadiene	13.725	225	10851	19.296	ug/l	98
95) Naphthalene	13.774	128	83834	18.867	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24860	18.976	ug/l	99

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

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