

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027219.D
 Acq On : 28 Feb 2022 14:51
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Quant Time: Mar 01 00:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83718	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	134050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49587	49.318	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.640%		
35) Dibromofluoromethane	5.385	113	41491	49.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	8.647	98	153994	49.496	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	59067	49.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15880	19.082	ug/l	97
3) Chloromethane	1.294	50	15461	19.875	ug/l	99
4) Vinyl Chloride	1.374	62	14885	19.210	ug/l	100
5) Bromomethane	1.605	94	9357	27.206	ug/l	96
6) Chloroethane	1.685	64	9019	18.955	ug/l	97
7) Trichlorofluoromethane	1.892	101	23898	19.831	ug/l	100
8) Diethyl Ether	2.136	74	8540	20.359	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	17234	20.528	ug/l	97
10) Methyl Iodide	2.453	142	22636	20.080	ug/l	95
11) Tert butyl alcohol	2.959	59	18908	96.653	ug/l	97
12) 1,1-Dichloroethene	2.319	96	16380	20.098	ug/l	89
13) Acrolein	2.239	56	18918	104.624	ug/l	97
14) Allyl chloride	2.666	41	28789	20.062	ug/l	95
15) Acrylonitrile	3.062	53	51113	101.821	ug/l	99
16) Acetone	2.380	43	56900	128.892	ug/l	95
17) Carbon Disulfide	2.514	76	39755	18.759	ug/l	99
18) Methyl Acetate	2.703	43	22701	19.923	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	56164	20.083	ug/l	99
20) Methylene Chloride	2.788	84	18247	19.942	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	17513	20.149	ug/l	95
22) Diisopropyl ether	3.763	45	57731	20.637	ug/l	95
23) Vinyl Acetate	3.721	43	244736	103.600	ug/l	97
24) 1,1-Dichloroethane	3.611	63	31414	19.864	ug/l	99
25) 2-Butanone	4.556	43	75937	108.013	ug/l	98
26) 2,2-Dichloropropane	4.471	77	24055	20.968	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	20746	20.581	ug/l	94
28) Bromochloromethane	4.904	49	14858	23.224	ug/l	91
29) Tetrahydrofuran	5.007	42	46265	98.325	ug/l	95
30) Chloroform	5.093	83	33128	20.169	ug/l	100
31) Cyclohexane	5.464	56	29329	19.477	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	28529	20.064	ug/l	99
36) 1,1-Dichloropropene	5.690	75	24394	20.088	ug/l	98
37) Ethyl Acetate	4.715	43	26990	20.243	ug/l	98
38) Carbon Tetrachloride	5.678	117	25359	20.022	ug/l	95
39) Methylcyclohexane	7.379	83	30241	20.019	ug/l	97
40) Benzene	6.037	78	71121	20.027	ug/l	98

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41) Methacrylonitrile	4.922	41	15212	20.798	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26046	20.674	ug/l	99
43) Isopropyl Acetate	6.342	43	41611	20.288	ug/l	98
44) Trichloroethene	7.129	130	20929	19.701	ug/l	90
45) 1,2-Dichloropropane	7.434	63	18187	20.960	ug/l	98
46) Dibromomethane	7.580	93	12833	20.592	ug/l	96
47) Bromodichloromethane	7.824	83	24664	20.276	ug/l	97
48) Methyl methacrylate	7.690	41	21064	21.217	ug/l	96
49) 1,4-Dioxane	7.659	88	9039	402.731	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	137697	103.290	ug/l	97
52) Toluene	8.720	92	45835	20.157	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24225	19.525	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	28219	20.782	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18587	20.637	ug/l	97
56) Ethyl methacrylate	9.116	69	27938	19.924	ug/l	95
57) 1,3-Dichloropropane	9.311	76	30974	20.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	59028	87.333	ug/l	96
59) 2-Hexanone	9.433	43	108371	106.361	ug/l	97
60) Dibromochloromethane	9.519	129	19353	20.714	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19168	19.984	ug/l	99
64) Tetrachloroethene	9.275	164	21237	19.793	ug/l	95
65) Chlorobenzene	10.079	112	48598	20.103	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	17724	20.217	ug/l	100
67) Ethyl Benzene	10.195	91	86857	20.467	ug/l	99
68) m/p-Xylenes	10.299	106	68707	42.113	ug/l	98
69) o-Xylene	10.640	106	33420	20.410	ug/l	95
70) Styrene	10.659	104	55722	20.797	ug/l	98
71) Bromoform	10.799	173	13128	19.495	ug/l #	99
73) Isopropylbenzene	10.963	105	87924	20.979	ug/l	97
74) N-amyl acetate	10.841	43	33348	20.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26196	21.161	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22449m	19.029	ug/l	
77) Bromobenzene	11.201	156	21247	20.324	ug/l	94
78) n-propylbenzene	11.305	91	101231	21.251	ug/l	99
79) 2-Chlorotoluene	11.366	91	60363	20.679	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	75154	21.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6855	20.297	ug/l	98
82) 4-Chlorotoluene	11.457	91	70714	21.206	ug/l	97
83) tert-Butylbenzene	11.713	119	72195	21.068	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	74413	21.228	ug/l	99
85) sec-Butylbenzene	11.890	105	91542	21.305	ug/l	99
86) p-Isopropyltoluene	12.012	119	77272	21.095	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	39970	20.319	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40626	20.199	ug/l	98
89) n-Butylbenzene	12.335	91	64564	21.088	ug/l	98
90) Hexachloroethane	12.542	117	11225	19.783	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	39634	20.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5862	20.397	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	24010	19.824	ug/l	97
94) Hexachlorobutadiene	13.725	225	10361	20.605	ug/l	98
95) Naphthalene	13.780	128	82952	20.155	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24165	19.905	ug/l	97

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

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