

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032283.D
 Acq On : 21 Oct 2022 13:03
 Operator : JC/MD
 Sample : VX1021WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 05:07:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89577	52.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.080%			
35) Dibromofluoromethane	5.385	113	70928	49.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.120%			
50) Toluene-d8	8.647	98	251704	48.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	97052	50.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23754	19.623	ug/l	100
3) Chloromethane	1.295	50	21964	17.508	ug/l	92
4) Vinyl Chloride	1.374	62	24894	19.094	ug/l	96
5) Bromomethane	1.618	94	21259	15.574	ug/l	99
6) Chloroethane	1.691	64	19770	17.052	ug/l	100
7) Trichlorofluoromethane	1.886	101	47749	20.602	ug/l	99
8) Diethyl Ether	2.136	74	16136	20.487	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25477	20.276	ug/l	98
10) Methyl Iodide	2.453	142	27089	14.918	ug/l	97
11) Tert butyl alcohol	2.983	59	21397	71.805	ug/l	96
12) 1,1-Dichloroethene	2.319	96	22651	19.179	ug/l	95
13) Acrolein	2.233	56	22500	107.378	ug/l	99
14) Allyl chloride	2.666	41	38156	20.570	ug/l	97
15) Acrylonitrile	3.062	53	63636	98.573	ug/l	100
16) Acetone	2.386	43	54713	97.947	ug/l	96
17) Carbon Disulfide	2.514	76	48111	17.400	ug/l	98
18) Methyl Acetate	2.703	43	38379	20.238	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	83540	20.527	ug/l	99
20) Methylene Chloride	2.788	84	26783	18.673	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	24700	19.202	ug/l	93
22) Diisopropyl ether	3.757	45	83327	20.514	ug/l	99
23) Vinyl Acetate	3.721	43	330062	101.666	ug/l	100
24) 1,1-Dichloroethane	3.611	63	47960	20.435	ug/l	97
25) 2-Butanone	4.562	43	85481	98.014	ug/l	100
26) 2,2-Dichloropropane	4.477	77	38149	22.561	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30284	20.107	ug/l	96
28) Bromochloromethane	4.898	49	16972	17.528	ug/l	99
29) Tetrahydrofuran	5.007	42	54641	97.005	ug/l	99
30) Chloroform	5.093	83	51945	20.335	ug/l	99
31) Cyclohexane	5.471	56	39743	20.197	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	46236	21.225	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36688	19.729	ug/l	98
37) Ethyl Acetate	4.715	43	35114	19.286	ug/l	99
38) Carbon Tetrachloride	5.678	117	39007	19.870	ug/l	92
39) Methylcyclohexane	7.379	83	44148	19.873	ug/l	96
40) Benzene	6.038	78	105879	19.645	ug/l	100

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41) Methacrylonitrile	4.916	41	19166	19.963	ug/l	97
42) 1,2-Dichloroethane	6.086	62	43553	21.097	ug/l	97
43) Isopropyl Acetate	6.342	43	57973	20.287	ug/l	99
44) Trichloroethene	7.129	130	28053	18.901	ug/l	93
45) 1,2-Dichloropropane	7.428	63	27494	20.222	ug/l	99
46) Dibromomethane	7.580	93	20327	20.045	ug/l	98
47) Bromodichloromethane	7.818	83	38574	20.592	ug/l	99
48) Methyl methacrylate	7.696	41	29824	20.927	ug/l	97
49) 1,4-Dioxane	7.696	88	10588	370.184	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	182071	101.640	ug/l	99
52) Toluene	8.720	92	69292	19.847	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39091	19.664	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42798	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29408	20.735	ug/l	99
56) Ethyl methacrylate	9.116	69	41344	20.240	ug/l	98
57) 1,3-Dichloropropane	9.311	76	46820	20.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	91275	97.487	ug/l	98
59) 2-Hexanone	9.427	43	133073	99.559	ug/l	99
60) Dibromochloromethane	9.519	129	29243	20.117	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29895	19.883	ug/l	100
64) Tetrachloroethene	9.275	164	24190	19.671	ug/l	93
65) Chlorobenzene	10.079	112	75998	19.904	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	27666	20.250	ug/l	98
67) Ethyl Benzene	10.195	91	137191	20.294	ug/l	100
68) m/p-Xylenes	10.299	106	104471	39.133	ug/l	95
69) o-Xylene	10.640	106	52453	20.509	ug/l	99
70) Styrene	10.659	104	85281	19.774	ug/l	99
71) Bromoform	10.799	173	20182	18.807	ug/l #	97
73) Isopropylbenzene	10.963	105	139380	20.472	ug/l	100
74) N-amyl acetate	10.842	43	53536	21.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42752	19.532	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38389m	20.306	ug/l	
77) Bromobenzene	11.201	156	33188	19.887	ug/l	97
78) n-propylbenzene	11.305	91	160481	20.586	ug/l	99
79) 2-Chlorotoluene	11.366	91	95870	20.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118886	20.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10976	20.006	ug/l	93
82) 4-Chlorotoluene	11.457	91	111929	20.462	ug/l	99
83) tert-Butylbenzene	11.713	119	119551	20.319	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	118687	20.759	ug/l	99
85) sec-Butylbenzene	11.890	105	147427	20.733	ug/l	98
86) p-Isopropyltoluene	12.012	119	124199	20.528	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63585	19.796	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	64834	19.650	ug/l	98
89) n-Butylbenzene	12.335	91	108897	20.435	ug/l	99
90) Hexachloroethane	12.536	117	19501	20.771	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	64042	20.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8869	21.209	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	40647	19.801	ug/l	99
94) Hexachlorobutadiene	13.725	225	17218	19.326	ug/l	99
95) Naphthalene	13.774	128	131578	20.013	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41161	19.936	ug/l	100

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

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