

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032310.D
 Acq On : 22 Oct 2022 00:49
 Operator : JC/MD
 Sample : VX1021WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD02

Quant Time: Oct 22 05:19:17 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90407	54.654	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.300%			
35) Dibromofluoromethane	5.391	113	72082	50.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.653	98	250786	48.502	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.079	95	96388	50.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23118	19.873	ug/l	99
3) Chloromethane	1.294	50	21429	17.805	ug/l	95
4) Vinyl Chloride	1.374	62	24050	19.196	ug/l	96
5) Bromomethane	1.618	94	18879	14.392	ug/l	98
6) Chloroethane	1.691	64	18894	16.965	ug/l	98
7) Trichlorofluoromethane	1.892	101	46598	20.922	ug/l	96
8) Diethyl Ether	2.130	74	15516	20.500	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	24900	20.621	ug/l	96
10) Methyl Iodide	2.453	142	22899	13.123	ug/l	99
11) Tert butyl alcohol	2.995	59	23494	85.671	ug/l	100
12) 1,1-Dichloroethene	2.325	96	22436	19.768	ug/l	98
13) Acrolein	2.239	56	24692	122.623	ug/l	98
14) Allyl chloride	2.666	41	37256	20.900	ug/l	97
15) Acrylonitrile	3.069	53	62196	100.254	ug/l	99
16) Acetone	2.392	43	54492	101.511	ug/l	100
17) Carbon Disulfide	2.514	76	47493	17.874	ug/l	99
18) Methyl Acetate	2.703	43	38354	21.045	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	83068	21.240	ug/l	97
20) Methylene Chloride	2.788	84	25658	18.615	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	24766	20.035	ug/l	98
22) Diisopropyl ether	3.757	45	82430	21.117	ug/l	94
23) Vinyl Acetate	3.721	43	328077	105.157	ug/l	98
24) 1,1-Dichloroethane	3.611	63	47479	21.052	ug/l	100
25) 2-Butanone	4.562	43	83678	99.842	ug/l	100
26) 2,2-Dichloropropane	4.471	77	32408	19.944	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30211	20.873	ug/l	97
28) Bromochloromethane	4.897	49	17232	18.519	ug/l	100
29) Tetrahydrofuran	5.013	42	53015	97.939	ug/l	98
30) Chloroform	5.093	83	52102	21.224	ug/l	98
31) Cyclohexane	5.471	56	38320	20.264	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	47442	22.663	ug/l	98
36) 1,1-Dichloropropene	5.696	75	35773	19.360	ug/l	99
37) Ethyl Acetate	4.721	43	34045	18.818	ug/l	99
38) Carbon Tetrachloride	5.684	117	40480	20.753	ug/l	99
39) Methylcyclohexane	7.385	83	41099	18.619	ug/l	95
40) Benzene	6.044	78	104247	19.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19146	20.070	ug/l	99
42) 1,2-Dichloroethane	6.092	62	44219	21.557	ug/l	97
43) Isopropyl Acetate	6.342	43	57594	20.283	ug/l	99
44) Trichloroethene	7.123	130	28491	19.320	ug/l	99
45) 1,2-Dichloropropane	7.434	63	27213	20.143	ug/l	98
46) Dibromomethane	7.580	93	20591	20.435	ug/l	98
47) Bromodichloromethane	7.824	83	39194	21.057	ug/l	99
48) Methyl methacrylate	7.696	41	29432	20.784	ug/l	98
49) 1,4-Dioxane	7.696	88	10889	383.148	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	180151	101.213	ug/l	99
52) Toluene	8.720	92	66761	19.244	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	38215	19.376	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	41802	20.155	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	28806	20.440	ug/l	99
56) Ethyl methacrylate	9.116	69	41697	20.544	ug/l	99
57) 1,3-Dichloropropane	9.311	76	45876	20.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87488	94.041	ug/l	100
59) 2-Hexanone	9.433	43	132592	99.835	ug/l	99
60) Dibromochloromethane	9.519	129	29379	20.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29853	19.982	ug/l	98
64) Tetrachloroethene	9.275	164	23402	19.081	ug/l	97
65) Chlorobenzene	10.079	112	75124	19.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28552	20.955	ug/l	100
67) Ethyl Benzene	10.195	91	136599	20.262	ug/l	100
68) m/p-Xylenes	10.299	106	103853	39.007	ug/l	96
69) o-Xylene	10.640	106	51422	20.161	ug/l	98
70) Styrene	10.659	104	85283	19.828	ug/l	98
71) Bromoform	10.799	173	20578	19.180	ug/l #	98
73) Isopropylbenzene	10.963	105	137589	20.839	ug/l	99
74) N-amyl acetate	10.842	43	53256	21.834	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43646	20.562	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38733m	21.126	ug/l	
77) Bromobenzene	11.201	156	33049	20.422	ug/l	96
78) n-propylbenzene	11.305	91	157587	20.845	ug/l	100
79) 2-Chlorotoluene	11.366	91	95445	20.948	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	118193	20.725	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10426	19.653	ug/l	95
82) 4-Chlorotoluene	11.457	91	111692	21.055	ug/l	99
83) tert-Butylbenzene	11.713	119	119681	20.975	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	118519	21.376	ug/l	98
85) sec-Butylbenzene	11.890	105	144189	20.910	ug/l	99
86) p-Isopropyltoluene	12.012	119	120167	20.481	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62051	19.921	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63962	19.990	ug/l	99
89) n-Butylbenzene	12.335	91	100342	19.416	ug/l	99
90) Hexachloroethane	12.536	117	18509	20.329	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	62766	20.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9253	22.817	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	38741	19.461	ug/l	98
94) Hexachlorobutadiene	13.725	225	16233	18.789	ug/l	98
95) Naphthalene	13.774	128	132338	20.757	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39642	19.799	ug/l	98

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

