

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032309.D
 Acq On : 22 Oct 2022 00:26
 Operator : JC/MD
 Sample : VX1021WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS02

Quant Time: Oct 22 05:18:38 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	129102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89631	53.368	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.740%			
35) Dibromofluoromethane	5.385	113	70338	48.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	8.647	98	250105	47.937	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	95335	49.900	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22487	19.039	ug/l	99
3) Chloromethane	1.294	50	20643	16.793	ug/l	95
4) Vinyl Chloride	1.373	62	23144	18.194	ug/l	98
5) Bromomethane	1.617	94	17965	13.489	ug/l	98
6) Chloroethane	1.690	64	18710	16.579	ug/l	98
7) Trichlorofluoromethane	1.892	101	45331	20.046	ug/l	98
8) Diethyl Ether	2.129	74	15141	19.703	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	23978	19.558	ug/l	99
10) Methyl Iodide	2.453	142	20764	11.720	ug/l	97
11) Tert butyl alcohol	2.989	59	21757	75.904	ug/l	100
12) 1,1-Dichloroethene	2.318	96	22129	19.204	ug/l	97
13) Acrolein	2.239	56	22815	111.593	ug/l	95
14) Allyl chloride	2.666	41	35459	19.592	ug/l	95
15) Acrylonitrile	3.068	53	59382	94.274	ug/l	100
16) Acetone	2.385	43	52264	95.893	ug/l	98
17) Carbon Disulfide	2.513	76	46408	17.203	ug/l	95
18) Methyl Acetate	2.702	43	36851	19.916	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	80859	20.363	ug/l	96
20) Methylene Chloride	2.788	84	25310	18.085	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	24585	19.588	ug/l	97
22) Diisopropyl ether	3.757	45	79873	20.153	ug/l	94
23) Vinyl Acetate	3.721	43	316839	100.023	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45372	19.814	ug/l	100
25) 2-Butanone	4.562	43	81108	95.316	ug/l	99
26) 2,2-Dichloropropane	4.477	77	31178	18.898	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29125	19.819	ug/l	97
28) Bromochloromethane	4.903	49	18036	19.091	ug/l	98
29) Tetrahydrofuran	5.013	42	50953	92.710	ug/l	99
30) Chloroform	5.092	83	50630	20.314	ug/l	99
31) Cyclohexane	5.470	56	37046	19.295	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	45103	21.221	ug/l	98
36) 1,1-Dichloropropene	5.696	75	34627	18.572	ug/l	99
37) Ethyl Acetate	4.720	43	33280	18.231	ug/l	99
38) Carbon Tetrachloride	5.678	117	38523	19.572	ug/l	96
39) Methylcyclohexane	7.378	83	40939	18.381	ug/l	96
40) Benzene	6.037	78	101225	18.732	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18296	19.007	ug/l	97
42) 1,2-Dichloroethane	6.092	62	42442	20.505	ug/l	98
43) Isopropyl Acetate	6.342	43	55565	19.393	ug/l	100
44) Trichloroethene	7.122	130	27532	18.502	ug/l	98
45) 1,2-Dichloropropane	7.433	63	26367	19.342	ug/l	99
46) Dibromomethane	7.586	93	19798	19.472	ug/l	99
47) Bromodichloromethane	7.824	83	37830	20.142	ug/l	95
48) Methyl methacrylate	7.695	41	28414	19.885	ug/l	97
49) 1,4-Dioxane	7.689	88	10458	364.684	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	172478	96.033	ug/l	99
52) Toluene	8.720	92	66107	18.885	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36201	18.301	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39387	18.820	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27713	19.488	ug/l	98
56) Ethyl methacrylate	9.116	69	40517	19.783	ug/l	98
57) 1,3-Dichloropropane	9.311	76	45724	19.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	88994	94.802	ug/l	99
59) 2-Hexanone	9.433	43	127175	94.898	ug/l	99
60) Dibromochloromethane	9.524	129	27874	19.126	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29514	19.578	ug/l	96
64) Tetrachloroethene	9.274	164	23049	18.615	ug/l	96
65) Chlorobenzene	10.079	112	71976	18.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27518	20.004	ug/l	99
67) Ethyl Benzene	10.195	91	132620	19.484	ug/l	99
68) m/p-Xylenes	10.305	106	100136	37.253	ug/l	98
69) o-Xylene	10.640	106	49956	19.400	ug/l	98
70) Styrene	10.658	104	81921	18.865	ug/l	98
71) Bromoform	10.799	173	19883	18.448	ug/l #	99
73) Isopropylbenzene	10.963	105	133007	20.322	ug/l	98
74) N-amyl acetate	10.841	43	50324	20.812	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41182	19.571	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36520m	20.094	ug/l	
77) Bromobenzene	11.201	156	31629	19.715	ug/l	96
78) n-propylbenzene	11.305	91	151493	20.214	ug/l	99
79) 2-Chlorotoluene	11.366	91	91266	20.206	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	112372	19.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9678	18.580	ug/l	94
82) 4-Chlorotoluene	11.457	91	104217	19.818	ug/l	100
83) tert-Butylbenzene	11.713	119	113838	20.126	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	113047	20.568	ug/l	98
85) sec-Butylbenzene	11.890	105	137122	20.059	ug/l	99
86) p-Isopropyltoluene	12.012	119	115750	19.900	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	58640	18.991	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	59002	18.601	ug/l	97
89) n-Butylbenzene	12.335	91	98010	19.131	ug/l	99
90) Hexachloroethane	12.542	117	18315	20.292	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	59923	19.768	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8612	21.422	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	36804	18.650	ug/l	99
94) Hexachlorobutadiene	13.725	225	15543	18.148	ug/l	100
95) Naphthalene	13.774	128	124536	19.704	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37831	19.060	ug/l	99

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

