

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030724.D
 Acq On : 23 Aug 2022 12:08
 Operator : JC/MD
 Sample : VX0823WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 00:46:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	132259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126790	47.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.391	113	118125	53.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.200%		
50) Toluene-d8	8.653	98	412680	48.353	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.085	95	150812	47.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44450	20.482	ug/l	97
3) Chloromethane	1.288	50	41101	19.151	ug/l	99
4) Vinyl Chloride	1.373	62	46222	21.339	ug/l	96
5) Bromomethane	1.605	94	14695	15.352	ug/l	96
6) Chloroethane	1.684	64	28311	22.763	ug/l	92
7) Trichlorofluoromethane	1.886	101	64316	22.537	ug/l	95
8) Diethyl Ether	2.135	74	27318	24.445	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	42706	20.204	ug/l	98
10) Methyl Iodide	2.452	142	30323	15.796	ug/l	98
11) Tert butyl alcohol	2.983	59	68165	105.121	ug/l	98
12) 1,1-Dichloroethene	2.318	96	41399	20.037	ug/l	97
13) Acrolein	2.239	56	2988	18.748	ug/l	85
14) Allyl chloride	2.666	41	74574	17.491	ug/l	95
15) Acrylonitrile	3.068	53	148728	92.814	ug/l	99
16) Acetone	2.385	43	113363	83.294	ug/l	98
17) Carbon Disulfide	2.507	76	97385	17.461	ug/l	98
18) Methyl Acetate	2.709	43	74218	18.437	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	145718	20.590	ug/l	97
20) Methylene Chloride	2.788	84	50849	20.291	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	45130	19.790	ug/l	96
22) Diisopropyl ether	3.769	45	151992	18.842	ug/l	87
23) Vinyl Acetate	3.727	43	609114	87.048	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85932	20.047	ug/l	97
25) 2-Butanone	4.568	43	192158	84.020	ug/l	99
26) 2,2-Dichloropropane	4.476	77	61606	19.876	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	54014	20.142	ug/l	99
28) Bromochloromethane	4.909	49	39362	21.736	ug/l #	94
29) Tetrahydrofuran	5.019	42	124797	81.099	ug/l	96
30) Chloroform	5.098	83	89223	21.023	ug/l	98
31) Cyclohexane	5.470	56	66446	17.215	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	76048	22.044	ug/l	96
36) 1,1-Dichloropropene	5.696	75	60529	19.085	ug/l	98
37) Ethyl Acetate	4.720	43	72160	16.066	ug/l	99
38) Carbon Tetrachloride	5.684	117	63075	21.303	ug/l	95
39) Methylcyclohexane	7.385	83	73293	17.903	ug/l	93
40) Benzene	6.043	78	193693	19.410	ug/l	100

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41) Methacrylonitrile	4.928	41	40793	16.944	ug/l	97
42) 1,2-Dichloroethane	6.092	62	63330	18.367	ug/l	100
43) Isopropyl Acetate	6.348	43	113587	17.252	ug/l	97
44) Trichloroethene	7.128	130	52496	19.253	ug/l	99
45) 1,2-Dichloropropane	7.433	63	54050	20.308	ug/l	98
46) Dibromomethane	7.586	93	36583	20.212	ug/l	99
47) Bromodichloromethane	7.823	83	73109	22.220	ug/l	99
48) Methyl methacrylate	7.695	41	53866	16.622	ug/l	93
49) 1,4-Dioxane	7.683	88	29489	393.976	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	380832	85.200	ug/l	95
52) Toluene	8.720	92	118703	19.497	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	71261	20.092	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	80896	20.930	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	54328	20.958	ug/l	98
56) Ethyl methacrylate	9.122	69	80455	19.634	ug/l	92
57) 1,3-Dichloropropane	9.311	76	87437	20.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	209195	102.864	ug/l	100
59) 2-Hexanone	9.433	43	283425	80.371	ug/l	95
60) Dibromochloromethane	9.524	129	55932	23.309	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55379	20.460	ug/l	97
64) Tetrachloroethene	9.274	164	47873	18.884	ug/l	91
65) Chlorobenzene	10.079	112	129190	20.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50001	22.994	ug/l	99
67) Ethyl Benzene	10.195	91	227088	23.279	ug/l	96
68) m/p-Xylenes	10.305	106	174222	40.205	ug/l	96
69) o-Xylene	10.646	106	87199	20.417	ug/l	98
70) Styrene	10.658	104	148260	21.129	ug/l	99
71) Bromoform	10.799	173	39640	24.796	ug/l #	99
73) Isopropylbenzene	10.963	105	224274	19.870	ug/l	100
74) N-amyl acetate	10.847	43	91690	16.714	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	83078	20.109	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	76997m	20.203	ug/l	
77) Bromobenzene	11.201	156	53581	20.225	ug/l	99
78) n-propylbenzene	11.305	91	262345	19.474	ug/l	100
79) 2-Chlorotoluene	11.366	91	162124	19.057	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193743	20.499	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25448	20.031	ug/l	97
82) 4-Chlorotoluene	11.457	91	182205	19.603	ug/l	100
83) tert-Butylbenzene	11.719	119	190363	21.731	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	197134	20.907	ug/l	96
85) sec-Butylbenzene	11.890	105	247092	20.608	ug/l	97
86) p-Isopropyltoluene	12.012	119	200683	20.921	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101970	19.791	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	106126	20.235	ug/l	97
89) n-Butylbenzene	12.335	91	185225	20.740	ug/l	99
90) Hexachloroethane	12.542	117	38549	23.340	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	108577	21.470	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22152	22.356	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	63716	21.726	ug/l	99
94) Hexachlorobutadiene	13.725	225	25059	21.281	ug/l	99
95) Naphthalene	13.780	128	253826	22.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66145	21.992	ug/l	97

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

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