

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030743.D
 Acq On : 23 Aug 2022 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 24 00:54:59 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	127783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125945	49.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	5.391	113	115557	52.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.900%		
50) Toluene-d8	8.653	98	395222	46.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.640%		
62) 4-Bromofluorobenzene	11.085	95	149563	47.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107325	51.185	ug/l	99
3) Chloromethane	1.288	50	95955	46.277	ug/l	98
4) Vinyl Chloride	1.374	62	112100	53.565	ug/l	96
5) Bromomethane	1.605	94	27221	35.404	ug/l	97
6) Chloroethane	1.678	64	65682	54.661	ug/l	93
7) Trichlorofluoromethane	1.880	101	153431	55.647	ug/l	97
8) Diethyl Ether	2.136	74	66492	61.584	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	103906	50.879	ug/l	98
10) Methyl Iodide	2.453	142	85537	43.192	ug/l	94
11) Tert butyl alcohol	2.983	59	158944	253.703	ug/l	99
12) 1,1-Dichloroethene	2.319	96	101224	50.709	ug/l	99
13) Acrolein	2.239	56	7079	45.972	ug/l	94
14) Allyl chloride	2.666	41	172524	41.883	ug/l	96
15) Acrylonitrile	3.068	53	369910	238.928	ug/l	99
16) Acetone	2.386	43	283093	215.291	ug/l	96
17) Carbon Disulfide	2.508	76	226686	42.069	ug/l	98
18) Methyl Acetate	2.709	43	183857	47.272	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	365326	53.428	ug/l	97
20) Methylene Chloride	2.788	84	126736	56.564	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	105471	47.869	ug/l	98
22) Diisopropyl ether	3.770	45	365005	46.833	ug/l #	85
23) Vinyl Acetate	3.733	43	1510377	223.408	ug/l	98
24) 1,1-Dichloroethane	3.617	63	211418	51.050	ug/l	99
25) 2-Butanone	4.568	43	486115	219.996	ug/l	94
26) 2,2-Dichloropropane	4.477	77	122290	40.836	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	136711	52.765	ug/l	97
28) Bromochloromethane	4.903	49	87827	50.198	ug/l	93
29) Tetrahydrofuran	5.019	42	315227	212.026	ug/l	95
30) Chloroform	5.105	83	221154	53.934	ug/l	99
31) Cyclohexane	5.470	56	160094	42.932	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	177510	53.257	ug/l	97
36) 1,1-Dichloropropene	5.696	75	144917	45.708	ug/l	99
37) Ethyl Acetate	4.721	43	184319	41.053	ug/l	99
38) Carbon Tetrachloride	5.684	117	149521	50.517	ug/l	96
39) Methylcyclohexane	7.385	83	175588	42.906	ug/l	100
40) Benzene	6.043	78	473484	47.465	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	102293	42.503	ug/l	96
42) 1,2-Dichloroethane	6.098	62	156527	45.411	ug/l	100
43) Isopropyl Acetate	6.348	43	289668	44.010	ug/l	99
44) Trichloroethene	7.129	130	133764	49.075	ug/l	98
45) 1,2-Dichloropropane	7.434	63	130766	49.149	ug/l	96
46) Dibromomethane	7.586	93	91035	50.314	ug/l	97
47) Bromodichloromethane	7.830	83	173526	52.757	ug/l	99
48) Methyl methacrylate	7.702	41	143063	44.160	ug/l	94
49) 1,4-Dioxane	7.677	88	77316	1033.307	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	926065	207.251	ug/l	95
52) Toluene	8.720	92	293237	48.182	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	171028	48.237	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	189415	49.024	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	134781	52.013	ug/l	98
56) Ethyl methacrylate	9.122	69	200442	48.932	ug/l	90
57) 1,3-Dichloropropane	9.311	76	221898	51.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	524238	257.863	ug/l	99
59) 2-Hexanone	9.433	43	731916	207.621	ug/l	94
60) Dibromochloromethane	9.525	129	142766	59.517	ug/l	99
61) 1,2-Dibromoethane	9.616	107	138655	51.245	ug/l	97
64) Tetrachloroethene	9.275	164	118663	47.370	ug/l	97
65) Chlorobenzene	10.079	112	315825	49.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	121205	56.410	ug/l	99
67) Ethyl Benzene	10.195	91	549980	46.843	ug/l	99
68) m/p-Xylenes	10.305	106	427935	99.943	ug/l	99
69) o-Xylene	10.646	106	212092	50.258	ug/l	97
70) Styrene	10.659	104	365099	52.658	ug/l	99
71) Bromoform	10.805	173	96909	61.349	ug/l #	99
73) Isopropylbenzene	10.963	105	545506	47.990	ug/l	99
74) N-amyl acetate	10.848	43	224958	40.719	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	201983	48.547	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	185545m	48.342	ug/l	
77) Bromobenzene	11.201	156	130675	48.979	ug/l	99
78) n-propylbenzene	11.305	91	654050	48.209	ug/l	98
79) 2-Chlorotoluene	11.366	91	386959	45.166	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	468764	49.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59425	46.447	ug/l	95
82) 4-Chlorotoluene	11.457	91	441804	47.198	ug/l	100
83) tert-Butylbenzene	11.719	119	447372	50.710	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	475766	50.102	ug/l	99
85) sec-Butylbenzene	11.896	105	600485	49.730	ug/l	99
86) p-Isopropyltoluene	12.012	119	487259	50.438	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	258601	49.839	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	257366	48.725	ug/l	99
89) n-Butylbenzene	12.335	91	459573	51.097	ug/l	100
90) Hexachloroethane	12.542	117	92573	55.655	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	265782	52.187	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53770	53.884	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	158266	53.586	ug/l	99
94) Hexachlorobutadiene	13.725	225	59282	49.989	ug/l	97
95) Naphthalene	13.780	128	656842	56.936	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170185	56.185	ug/l	99

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

