

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030888.D
 Acq On : 27 Aug 2022 22:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 29 01:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	131824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117634	75.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 151.720%#	
35) Dibromofluoromethane	5.397	113	91279	57.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.560%	
50) Toluene-d8	8.653	98	252233	45.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.640%	
62) 4-Bromofluorobenzene	11.085	95	95904	46.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46874	38.370	ug/l	97
3) Chloromethane	1.288	50	70675	71.581	ug/l	95
4) Vinyl Chloride	1.373	62	65570	55.020	ug/l	100
5) Bromomethane	1.605	94	40508	65.949	ug/l	95
6) Chloroethane	1.678	64	48597	70.428	ug/l	96
7) Trichlorofluoromethane	1.886	101	86079	42.658	ug/l	100
8) Diethyl Ether	2.135	74	60102	78.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	49526	38.579	ug/l	98
10) Methyl Iodide	2.452	142	59778	55.253	ug/l #	89
11) Tert butyl alcohol	2.989	59	159003	472.371	ug/l	100
12) 1,1-Dichloroethene	2.318	96	54897	45.941	ug/l	93
13) Acrolein	2.239	56	124350	410.666	ug/l	98
14) Allyl chloride	2.666	41	141133	63.829	ug/l	96
15) Acrylonitrile	3.068	53	360082	436.323	ug/l	98
16) Acetone	2.385	43	315389	440.150	ug/l	93
17) Carbon Disulfide	2.507	76	105318	44.758	ug/l	99
18) Methyl Acetate	2.709	43	198259	90.024	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	340589	82.309	ug/l	100
20) Methylene Chloride	2.788	84	99525	76.173	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	67349	52.469	ug/l	94
22) Diisopropyl ether	3.769	45	357511	80.498	ug/l	88
23) Vinyl Acetate	3.727	43	1528287	429.043	ug/l	99
24) 1,1-Dichloroethane	3.611	63	166589	66.178	ug/l	98
25) 2-Butanone	4.568	43	513631	444.988	ug/l	95
26) 2,2-Dichloropropane	4.476	77	65533	35.939	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	97328	61.375	ug/l	96
28) Bromochloromethane	4.903	49	84003	77.559	ug/l	94
29) Tetrahydrofuran	5.019	42	335824	445.781	ug/l	96
30) Chloroform	5.098	83	179731	67.836	ug/l	98
31) Cyclohexane	5.476	56	79363	40.026	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	117958	55.065	ug/l	99
36) 1,1-Dichloropropene	5.702	75	80695	37.513	ug/l	97
37) Ethyl Acetate	4.726	43	188144	73.844	ug/l	97
38) Carbon Tetrachloride	5.684	117	90465	39.869	ug/l	98
39) Methylcyclohexane	7.385	83	77767	30.206	ug/l	96
40) Benzene	6.043	78	324636	50.442	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	108174	75.980	ug/l	96
42) 1,2-Dichloroethane	6.092	62	152405	66.739	ug/l	97
43) Isopropyl Acetate	6.348	43	286494	74.652	ug/l	98
44) Trichloroethene	7.128	130	78012	41.956	ug/l	91
45) 1,2-Dichloropropane	7.433	63	103387	58.069	ug/l	97
46) Dibromomethane	7.586	93	76817	60.736	ug/l	99
47) Bromodichloromethane	7.830	83	146404	61.470	ug/l	99
48) Methyl methacrylate	7.695	41	144481	75.524	ug/l	95
49) 1,4-Dioxane	7.677	88	68386	1448.032	ug/l	93
51) 4-Methyl-2-Pentanone	8.579	43	1013329	391.469	ug/l	98
52) Toluene	8.720	92	183333	45.638	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	131732	57.244	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	142781	55.098	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	115755	64.841	ug/l	94
56) Ethyl methacrylate	9.122	69	177566	69.357	ug/l	95
57) 1,3-Dichloropropane	9.311	76	181459	63.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	492397	359.645	ug/l	97
59) 2-Hexanone	9.433	43	767156	395.036	ug/l	98
60) Dibromochloromethane	9.524	129	116944	62.820	ug/l	98
61) 1,2-Dibromoethane	9.616	107	114459	63.228	ug/l	98
64) Tetrachloroethene	9.274	164	71502	38.836	ug/l	98
65) Chlorobenzene	10.079	112	204517	45.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	89280	52.621	ug/l	97
67) Ethyl Benzene	10.195	91	323608	41.426	ug/l	99
68) m/p-Xylenes	10.305	106	250059	83.553	ug/l	96
69) o-Xylene	10.646	106	131872	44.529	ug/l	93
70) Styrene	10.658	104	233828	47.577	ug/l	97
71) Bromoform	10.805	173	81901	58.422	ug/l	99
73) Isopropylbenzene	10.963	105	310288	41.992	ug/l	99
74) N-amyl acetate	10.847	43	223255	77.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	177514	70.230	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	163339m	67.617	ug/l	
77) Bromobenzene	11.201	156	89172	48.981	ug/l	98
78) n-propylbenzene	11.305	91	357607	42.080	ug/l	98
79) 2-Chlorotoluene	11.366	91	234216	44.993	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	273664	44.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	44660	59.650	ug/l	91
82) 4-Chlorotoluene	11.457	91	266549	45.681	ug/l	98
83) tert-Butylbenzene	11.719	119	261100	43.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	280292	46.798	ug/l	97
85) sec-Butylbenzene	11.896	105	316298	40.781	ug/l	100
86) p-Isopropyltoluene	12.012	119	271814	42.615	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	153466	44.686	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	163353	46.348	ug/l	98
89) n-Butylbenzene	12.335	91	239817	40.616	ug/l	97
90) Hexachloroethane	12.542	117	50366	40.727	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	175438	48.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	49066	75.419	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	103188	45.647	ug/l	97
94) Hexachlorobutadiene	13.725	225	35540	37.747	ug/l	98
95) Naphthalene	13.780	128	501537	63.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113684	47.564	ug/l	98

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

