

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030784.D
 Acq On : 25 Aug 2022 20:20
 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 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 02:42:08 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	5.556	168	240580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	404650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134884	47.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.320%		
35) Dibromofluoromethane	5.391	113	119019	47.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.653	98	410670	47.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.085	95	161202	49.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107744	48.326	ug/l	99
3) Chloromethane	1.288	50	91521	50.467	ug/l	100
4) Vinyl Chloride	1.373	62	108636	49.895	ug/l	97
5) Bromomethane	1.599	94	47762	42.608	ug/l	95
6) Chloroethane	1.678	64	67287	53.142	ug/l	96
7) Trichlorofluoromethane	1.879	101	167658	45.526	ug/l	96
8) Diethyl Ether	2.135	74	68068	48.849	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	107635	45.942	ug/l	96
10) Methyl Iodide	2.446	142	81738	42.408	ug/l	94
11) Tert butyl alcohol	2.977	59	177063	288.231	ug/l	99
12) 1,1-Dichloroethene	2.312	96	100546	46.105	ug/l	89
13) Acrolein	2.239	56	124252	229.393	ug/l	98
14) Allyl chloride	2.660	41	186967	46.333	ug/l	97
15) Acrylonitrile	3.068	53	397243	263.754	ug/l	100
16) Acetone	2.385	43	331253	253.308	ug/l	99
17) Carbon Disulfide	2.507	76	208752	48.672	ug/l	98
18) Methyl Acetate	2.708	43	204295	50.830	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	376403	49.843	ug/l	96
20) Methylene Chloride	2.788	84	135639	56.677	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	105909	45.210	ug/l	97
22) Diisopropyl ether	3.769	45	399628	49.305	ug/l	88
23) Vinyl Acetate	3.727	43	1636007	251.661	ug/l	100
24) 1,1-Dichloroethane	3.611	63	220564	48.010	ug/l	99
25) 2-Butanone	4.568	43	547367	259.843	ug/l	99
26) 2,2-Dichloropropane	4.476	77	121148	36.404	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	137673	47.571	ug/l	100
28) Bromochloromethane	4.903	49	94182	47.647	ug/l	97
29) Tetrahydrofuran	5.013	42	357205	259.814	ug/l	99
30) Chloroform	5.104	83	230500	47.670	ug/l	100
31) Cyclohexane	5.476	56	169404	46.815	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	191032	48.864	ug/l	99
36) 1,1-Dichloropropene	5.696	75	149611	44.179	ug/l	99
37) Ethyl Acetate	4.726	43	198435	49.472	ug/l	99
38) Carbon Tetrachloride	5.684	117	165051	46.205	ug/l	97
39) Methylcyclohexane	7.384	83	178611	44.068	ug/l	96
40) Benzene	6.043	78	485136	47.882	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	111326	49.669	ug/l	99
42) 1,2-Dichloroethane	6.098	62	173902	48.373	ug/l	98
43) Isopropyl Acetate	6.348	43	307629	50.917	ug/l	100
44) Trichloroethene	7.128	130	140734	48.079	ug/l	97
45) 1,2-Dichloropropane	7.439	63	137677	49.120	ug/l	98
46) Dibromomethane	7.586	93	93746	47.082	ug/l	96
47) Bromodichloromethane	7.830	83	186887	49.843	ug/l	95
48) Methyl methacrylate	7.702	41	156726	52.039	ug/l	98
49) 1,4-Dioxane	7.665	88	85435	1149.114	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	1050279	257.732	ug/l	98
52) Toluene	8.720	92	302696	47.864	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	175351	48.402	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	196443	48.153	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	138009	49.106	ug/l	100
56) Ethyl methacrylate	9.122	69	212657	52.763	ug/l	97
57) 1,3-Dichloropropane	9.311	76	218895	48.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	554561	257.291	ug/l	100
59) 2-Hexanone	9.433	43	824177	269.581	ug/l	99
60) Dibromochloromethane	9.524	129	142207	48.524	ug/l	98
61) 1,2-Dibromoethane	9.616	107	139911	49.094	ug/l	100
64) Tetrachloroethene	9.280	164	134965	46.127	ug/l	96
65) Chlorobenzene	10.085	112	333883	46.467	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	129981	48.206	ug/l	99
67) Ethyl Benzene	10.195	91	592897	47.759	ug/l	98
68) m/p-Xylenes	10.305	106	462074	97.151	ug/l	100
69) o-Xylene	10.646	106	231571	49.203	ug/l	97
70) Styrene	10.658	104	394137	50.462	ug/l	99
71) Bromoform	10.805	173	107809	48.390	ug/l #	98
73) Isopropylbenzene	10.963	105	606597	47.642	ug/l	99
74) N-amyl acetate	10.847	43	258874	52.197	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	212165	48.714	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	198183m	47.612	ug/l	
77) Bromobenzene	11.201	156	147589	47.048	ug/l	97
78) n-propylbenzene	11.305	91	704165	48.087	ug/l	99
79) 2-Chlorotoluene	11.365	91	426146	47.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	511468	47.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	61833	47.929	ug/l	99
82) 4-Chlorotoluene	11.457	91	481823	47.922	ug/l	100
83) tert-Butylbenzene	11.719	119	491625	47.935	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	513199	49.727	ug/l	98
85) sec-Butylbenzene	11.896	105	661805	49.519	ug/l	99
86) p-Isopropyltoluene	12.012	119	540733	49.199	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	283335	47.879	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	287077	47.271	ug/l	98
89) n-Butylbenzene	12.335	91	477956	46.978	ug/l	99
90) Hexachloroethane	12.542	117	95382	44.761	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	294114	47.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	52395	46.738	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	180471	46.331	ug/l	98
94) Hexachlorobutadiene	13.725	225	74132	45.694	ug/l	98
95) Naphthalene	13.780	128	677543	49.966	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	189521	46.018	ug/l	99

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

