

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026208.D
 Acq On : 31 Dec 2021 07:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

Quant Time: Dec 31 21:38:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	100722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74255	50.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.397	113	55424	50.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.653	98	196771	48.398	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.085	95	72136	49.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	54168	51.206	ug/l	98
3) Chloromethane	1.294	50	60863	49.428	ug/l	99
4) Vinyl Chloride	1.380	62	65086	50.224	ug/l	99
5) Bromomethane	1.618	94	37723	47.168	ug/l	95
6) Chloroethane	1.691	64	43739	47.998	ug/l	97
7) Trichlorofluoromethane	1.892	101	114764	51.410	ug/l	95
8) Diethyl Ether	2.136	74	40237	52.469	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	58455	49.671	ug/l	99
10) Methyl Iodide	2.459	142	75771	49.787	ug/l	97
11) Tert butyl alcohol	2.989	59	74725	256.751	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	55836	50.062	ug/l	93
13) Acrolein	2.245	56	28147	270.460	ug/l	96
14) Allyl chloride	2.672	41	108473	49.214	ug/l	96
15) Acrylonitrile	3.068	53	184683	256.298	ug/l	99
16) Acetone	2.392	43	173393	219.622	ug/l	95
17) Carbon Disulfide	2.514	76	157555	49.221	ug/l	100
18) Methyl Acetate	2.709	43	131573	51.378	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	201400	51.698	ug/l	100
20) Methylene Chloride	2.794	84	63300	50.146	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	59614	48.996	ug/l	93
22) Diisopropyl ether	3.764	45	218496	51.937	ug/l	88
23) Vinyl Acetate	3.727	43	894982	267.918	ug/l	95
24) 1,1-Dichloroethane	3.617	63	116403	51.057	ug/l	99
25) 2-Butanone	4.568	43	274290	249.405	ug/l	95
26) 2,2-Dichloropropane	4.483	77	70929	41.292	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	71178	51.420	ug/l	95
28) Bromochloromethane	4.910	49	52920	52.371	ug/l	87
29) Tetrahydrofuran	5.019	42	179185	258.494	ug/l	94
30) Chloroform	5.105	83	122427	50.770	ug/l	99
31) Cyclohexane	5.477	56	103528	49.890	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	110329	52.630	ug/l	96
36) 1,1-Dichloropropene	5.696	75	88511	50.206	ug/l	98
37) Ethyl Acetate	4.721	43	108125	52.894	ug/l	98
38) Carbon Tetrachloride	5.684	117	100828	51.415	ug/l	97
39) Methylcyclohexane	7.385	83	98544	49.553	ug/l	96
40) Benzene	6.044	78	249749	49.637	ug/l	98

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41) Methacrylonitrile	4.922	41	59678	51.699	ug/l	94
42) 1,2-Dichloroethane	6.092	62	104944	51.537	ug/l	97
43) Isopropyl Acetate	6.348	43	170781	51.262	ug/l	95
44) Trichloroethene	7.129	130	68140	50.329	ug/l	97
45) 1,2-Dichloropropane	7.434	63	65166	50.635	ug/l	95
46) Dibromomethane	7.586	93	48260	50.555	ug/l	98
47) Bromodichloromethane	7.824	83	99846	51.410	ug/l	94
48) Methyl methacrylate	7.696	41	85107	53.266	ug/l	93
49) 1,4-Dioxane	7.684	88	28704	974.848	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	552771	266.622	ug/l	95
52) Toluene	8.720	92	156655	50.574	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	97823	47.459	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	103988	50.659	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	64535	50.692	ug/l	98
56) Ethyl methacrylate	9.122	69	103582	52.755	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	112414	51.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	269039	256.072	ug/l	95
59) 2-Hexanone	9.433	43	415392	264.506	ug/l	95
60) Dibromochloromethane	9.525	129	74832	51.889	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68904	50.585	ug/l	99
64) Tetrachloroethene	9.275	164	65179	50.481	ug/l	98
65) Chlorobenzene	10.079	112	162907	48.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	65498	51.140	ug/l	99
67) Ethyl Benzene	10.195	91	304770	50.712	ug/l	96
68) m/p-Xylenes	10.305	106	227373	101.328	ug/l	93
69) o-Xylene	10.646	106	111561	50.812	ug/l	94
70) Styrene	10.659	104	188374	52.336	ug/l	96
71) Bromoform	10.799	173	54344	52.304	ug/l	99
73) Isopropylbenzene	10.963	105	295702	50.227	ug/l	98
74) N-amyl acetate	10.848	43	147588	54.595	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	97017	48.454	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	91663m	50.139	ug/l	
77) Bromobenzene	11.201	156	70153	50.247	ug/l	93
78) n-propylbenzene	11.305	91	351093	51.868	ug/l	96
79) 2-Chlorotoluene	11.366	91	206173	49.481	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	249672	51.103	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	30136	47.689	ug/l	89
82) 4-Chlorotoluene	11.457	91	239781	50.955	ug/l	95
83) tert-Butylbenzene	11.719	119	235173	49.592	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	249238	51.055	ug/l	97
85) sec-Butylbenzene	11.890	105	299299	50.576	ug/l	98
86) p-Isopropyltoluene	12.012	119	248030	50.276	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	128431	49.002	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	130099	46.298	ug/l	99
89) n-Butylbenzene	12.335	91	214595	48.946	ug/l	98
90) Hexachloroethane	12.542	117	49223	49.955	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	127062	46.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25737	50.213	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	76332	47.510	ug/l	99
94) Hexachlorobutadiene	13.725	225	29046	43.542	ug/l	97
95) Naphthalene	13.780	128	286395	48.925	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78345	47.928	ug/l	99

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

