

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023387.D
 Acq On : 22 Jul 2021 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:11 PM

Quant Time: Jul 23 06:09:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	220198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137847	50.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.380%			
35) Dibromofluoromethane	5.397	113	114506	50.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.653	98	415091	50.255	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.085	95	142219	50.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	106712	52.676	ug/l	99
3) Chloromethane	1.295	50	119129	50.481	ug/l	99
4) Vinyl Chloride	1.374	62	124165	51.978	ug/l	99
5) Bromomethane	1.599	94	70908	49.998	ug/l	98
6) Chloroethane	1.679	64	78683	53.669	ug/l	99
7) Trichlorofluoromethane	1.880	101	201580	52.377	ug/l	95
8) Diethyl Ether	2.136	74	73572	51.793	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	112531	51.610	ug/l	95
10) Methyl Iodide	2.453	142	143446	52.510	ug/l	98
11) Tert butyl alcohol	2.983	59	159983	254.962	ug/l	98
12) 1,1-Dichloroethene	2.319	96	111553	51.559	ug/l	98
13) Acrolein	2.240	56	87645	274.625	ug/l	98
14) Allyl chloride	2.666	41	200173	50.888	ug/l	96
15) Acrylonitrile	3.075	53	376250	265.539	ug/l	98
16) Acetone	2.392	43	328624	243.893	ug/l	93
17) Carbon Disulfide	2.514	76	263200	49.334	ug/l	100
18) Methyl Acetate	2.709	43	169970	53.065	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	394453	52.433	ug/l	97
20) Methylene Chloride	2.794	84	127790	48.758	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	118087	51.378	ug/l	97
22) Diisopropyl ether	3.770	45	416002	53.574	ug/l	93
23) Vinyl Acetate	3.733	43	1846223	269.341	ug/l	95
24) 1,1-Dichloroethane	3.617	63	225461	52.827	ug/l	99
25) 2-Butanone	4.568	43	550002	262.930	ug/l	94
26) 2,2-Dichloropropane	4.483	77	163098	46.725	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	142465	53.373	ug/l	99
28) Bromochloromethane	4.910	49	99246	49.827	ug/l	96
29) Tetrahydrofuran	5.019	42	368617	268.841	ug/l	89
30) Chloroform	5.105	83	228556	52.322	ug/l	98
31) Cyclohexane	5.477	56	204491	50.256	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	200369	53.671	ug/l	99
36) 1,1-Dichloropropene	5.702	75	168966	51.948	ug/l	98
37) Ethyl Acetate	4.727	43	211249	51.511	ug/l	94
38) Carbon Tetrachloride	5.684	117	172111	52.031	ug/l	100
39) Methylcyclohexane	7.385	83	210685	51.290	ug/l	99
40) Benzene	6.044	78	505716	52.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	112373	51.895	ug/l	93
42) 1,2-Dichloroethane	6.092	62	185275	51.959	ug/l	97
43) Isopropyl Acetate	6.349	43	333670	52.507	ug/l	93
44) Trichloroethene	7.129	130	139035	52.478	ug/l	94
45) 1,2-Dichloropropane	7.434	63	133924	52.479	ug/l	95
46) Dibromomethane	7.586	93	91953	53.122	ug/l	99
47) Bromodichloromethane	7.830	83	167309	53.649	ug/l	99
48) Methyl methacrylate	7.696	41	156354	53.125	ug/l	89
49) 1,4-Dioxane	7.665	88	64121	1023.153	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1041824	268.035	ug/l	92
52) Toluene	8.720	92	315731	52.845	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	187810	47.574	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	203940	52.458	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	132263	54.668	ug/l	98
56) Ethyl methacrylate	9.122	69	209660	54.062	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	218174	53.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	532275	259.086	ug/l	97
59) 2-Hexanone	9.433	43	800639	271.254	ug/l	88
60) Dibromochloromethane	9.525	129	130694	48.789	ug/l	99
61) 1,2-Dibromoethane	9.616	107	139118	53.895	ug/l	100
64) Tetrachloroethene	9.275	164	130399	51.945	ug/l	94
65) Chlorobenzene	10.080	112	333610	51.676	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	123751	49.888	ug/l	98
67) Ethyl Benzene	10.195	91	594035	53.055	ug/l	98
68) m/p-Xylenes	10.305	106	450417	104.600	ug/l	98
69) o-Xylene	10.647	106	223167	52.273	ug/l	97
70) Styrene	10.659	104	367702	54.360	ug/l	99
71) Bromoform	10.805	173	90157	46.625	ug/l #	99
73) Isopropylbenzene	10.964	105	575656	52.706	ug/l	99
74) N-amyl acetate	10.848	43	267263	53.637	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	185401	52.111	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	171882m	53.963	ug/l	
77) Bromobenzene	11.201	156	142273	54.000	ug/l	93
78) n-propylbenzene	11.305	91	658052	53.236	ug/l	99
79) 2-Chlorotoluene	11.366	91	388844	52.643	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	473584	53.244	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	59843	50.519	ug/l	95
82) 4-Chlorotoluene	11.457	91	437440	52.348	ug/l	99
83) tert-Butylbenzene	11.720	119	466710	53.492	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	472369	53.390	ug/l	99
85) sec-Butylbenzene	11.896	105	602114	53.224	ug/l	100
86) p-Isopropyltoluene	12.012	119	492207	53.879	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	254725	52.259	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	253752	51.305	ug/l	99
89) n-Butylbenzene	12.335	91	422465	51.084	ug/l	99
90) Hexachloroethane	12.543	117	78282	47.927	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	246576	52.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41449	48.105	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	157257	53.033	ug/l	99
94) Hexachlorobutadiene	13.725	225	67234	50.524	ug/l	99
95) Naphthalene	13.780	128	563648	55.286	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159251	53.184	ug/l	99

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

