

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023703.D
 Acq On : 13 Aug 2021 20:09
 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

MMDadoda
 8/16/2021 5:06:12 PM

Quant Time: Aug 14 05:30:13 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	188582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	307110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130905	55.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.300%			
35) Dibromofluoromethane	5.391	113	101475	52.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.653	98	375027	53.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.320%			
62) 4-Bromofluorobenzene	11.085	95	142789	59.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82138	47.343	ug/l	99
3) Chloromethane	1.294	50	95038	47.024	ug/l	100
4) Vinyl Chloride	1.374	62	96367	47.104	ug/l	98
5) Bromomethane	1.599	94	59029	48.600	ug/l	94
6) Chloroethane	1.672	64	65894	52.481	ug/l	97
7) Trichlorofluoromethane	1.880	101	164160	49.805	ug/l	97
8) Diethyl Ether	2.142	74	60998	50.140	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	93538	50.091	ug/l	96
10) Methyl Iodide	2.453	142	124926	53.397	ug/l	95
11) Tert butyl alcohol	2.989	59	133425	248.286	ug/l	98
12) 1,1-Dichloroethene	2.319	96	88615	47.823	ug/l	95
13) Acrolein	2.245	56	63658	233.112	ug/l	97
14) Allyl chloride	2.666	41	166034	49.285	ug/l	92
15) Acrylonitrile	3.075	53	320518	264.129	ug/l	98
16) Acetone	2.392	43	290135	251.428	ug/l	90
17) Carbon Disulfide	2.508	76	178102	38.980	ug/l	99
18) Methyl Acetate	2.715	43	152338	55.534	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	340649	52.873	ug/l	99
20) Methylene Chloride	2.794	84	108425	48.304	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	96057	48.800	ug/l	98
22) Diisopropyl ether	3.776	45	355847	53.510	ug/l	94
23) Vinyl Acetate	3.733	43	1568942	267.262	ug/l	94
24) 1,1-Dichloroethane	3.617	63	191816	52.479	ug/l	98
25) 2-Butanone	4.574	43	469935	262.317	ug/l	92
26) 2,2-Dichloropropane	4.483	77	124436	41.625	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	117342	51.331	ug/l	99
28) Bromochloromethane	4.910	49	88723	52.012	ug/l	94
29) Tetrahydrofuran	5.019	42	306535	261.044	ug/l	89
30) Chloroform	5.105	83	201927	53.975	ug/l	99
31) Cyclohexane	5.477	56	161276	46.281	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	174537	54.589	ug/l	98
36) 1,1-Dichloropropene	5.702	75	139595	50.248	ug/l	99
37) Ethyl Acetate	4.727	43	178966	51.092	ug/l #	94
38) Carbon Tetrachloride	5.684	117	147377	52.163	ug/l	99
39) Methylcyclohexane	7.385	83	162926	46.438	ug/l	98
40) Benzene	6.050	78	423072	51.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	98375	53.189	ug/l	92
42) 1,2-Dichloroethane	6.098	62	172101	56.508	ug/l	95
43) Isopropyl Acetate	6.354	43	288342	53.123	ug/l	93
44) Trichloroethene	7.129	130	113101	49.980	ug/l	99
45) 1,2-Dichloropropane	7.440	63	113863	52.238	ug/l	96
46) Dibromomethane	7.586	93	80263	54.288	ug/l	97
47) Bromodichloromethane	7.830	83	149565	56.150	ug/l	99
48) Methyl methacrylate	7.702	41	142935	56.860	ug/l	86
49) 1,4-Dioxane	7.665	88	55676	1040.129	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	958334	288.664	ug/l	90
52) Toluene	8.726	92	275590	54.004	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	165987	49.164	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	174148	52.446	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	121399	58.747	ug/l	99
56) Ethyl methacrylate	9.122	69	191840	57.915	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	198551	56.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	469971	267.829	ug/l	97
59) 2-Hexanone	9.433	43	724775	287.489	ug/l	87
60) Dibromochloromethane	9.525	129	118741	51.771	ug/l	99
61) 1,2-Dibromoethane	9.616	107	126351	57.309	ug/l	100
64) Tetrachloroethene	9.281	164	98525	42.762	ug/l	98
65) Chlorobenzene	10.086	112	305227	51.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115864	50.870	ug/l	99
67) Ethyl Benzene	10.195	91	541552	52.698	ug/l	99
68) m/p-Xylenes	10.305	106	414464	104.867	ug/l	99
69) o-Xylene	10.646	106	204210	52.115	ug/l	99
70) Styrene	10.659	104	344584	55.503	ug/l	98
71) Bromoform	10.805	173	82501	46.495	ug/l	99
73) Isopropylbenzene	10.963	105	543584	51.418	ug/l	99
74) N-amyl acetate	10.848	43	250806	52.001	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	178810	51.923	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	162234m	52.621	ug/l	
77) Bromobenzene	11.201	156	134500	52.740	ug/l	95
78) n-propylbenzene	11.311	91	624555	52.199	ug/l	99
79) 2-Chlorotoluene	11.366	91	376172	52.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	448674	52.114	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	51718	45.106	ug/l	89
82) 4-Chlorotoluene	11.457	91	427070	52.800	ug/l	100
83) tert-Butylbenzene	11.719	119	451188	53.426	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	452790	52.872	ug/l	100
85) sec-Butylbenzene	11.896	105	566546	51.739	ug/l	100
86) p-Isopropyltoluene	12.012	119	464089	52.483	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	238396	50.528	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	237665	49.644	ug/l	100
89) n-Butylbenzene	12.335	91	401822	50.197	ug/l	98
90) Hexachloroethane	12.542	117	74258	47.007	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	232906	50.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38130	45.823	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	140589	48.982	ug/l	99
94) Hexachlorobutadiene	13.731	225	59899	46.503	ug/l	100
95) Naphthalene	13.780	128	504003	51.073	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147255	50.806	ug/l	99

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

