

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023439.D
 Acq On : 26 Jul 2021 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:56:55 PM

Quant Time: Jul 27 03:25:39 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	5.556	168	229124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140608	49.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.391	113	112996	50.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	8.653	98	407164	49.302	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.085	95	142379	50.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112827	53.525	ug/l	98
3) Chloromethane	1.294	50	119915	48.834	ug/l	100
4) Vinyl Chloride	1.374	62	125382	50.442	ug/l	97
5) Bromomethane	1.599	94	71231	48.269	ug/l	97
6) Chloroethane	1.679	64	78871	51.702	ug/l	96
7) Trichlorofluoromethane	1.880	101	211775	52.882	ug/l	97
8) Diethyl Ether	2.136	74	78113	52.847	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	120466	53.097	ug/l	96
10) Methyl Iodide	2.453	142	148813	52.352	ug/l	96
11) Tert butyl alcohol	2.983	59	157812	241.705	ug/l	98
12) 1,1-Dichloroethene	2.319	96	113695	50.501	ug/l	96
13) Acrolein	2.239	56	92998	280.019	ug/l	97
14) Allyl chloride	2.666	41	210247	51.367	ug/l	94
15) Acrylonitrile	3.068	53	377352	255.941	ug/l	98
16) Acetone	2.386	43	364151	259.732	ug/l	92
17) Carbon Disulfide	2.508	76	276709	49.845	ug/l	99
18) Methyl Acetate	2.709	43	170220	51.073	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	419716	53.618	ug/l	98
20) Methylene Chloride	2.794	84	126689	46.454	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	120302	50.303	ug/l	97
22) Diisopropyl ether	3.770	45	430746	53.312	ug/l	97
23) Vinyl Acetate	3.727	43	1942162	272.299	ug/l	95
24) 1,1-Dichloroethane	3.611	63	231759	52.187	ug/l	98
25) 2-Butanone	4.568	43	561079	257.776	ug/l	92
26) 2,2-Dichloropropane	4.483	77	193101	53.165	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	143896	51.809	ug/l	98
28) Bromochloromethane	4.904	49	102470	49.442	ug/l	96
29) Tetrahydrofuran	5.013	42	359671	252.098	ug/l	89
30) Chloroform	5.099	83	234359	51.560	ug/l	100
31) Cyclohexane	5.477	56	211978	50.067	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	206686	53.206	ug/l	99
36) 1,1-Dichloropropene	5.696	75	173345	53.301	ug/l	99
37) Ethyl Acetate	4.727	43	214152	52.226	ug/l	95
38) Carbon Tetrachloride	5.678	117	182321	55.125	ug/l	99
39) Methylcyclohexane	7.385	83	224557	54.674	ug/l	99
40) Benzene	6.044	78	512421	53.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	116291	53.711	ug/l	93
42) 1,2-Dichloroethane	6.092	62	193900	54.385	ug/l	96
43) Isopropyl Acetate	6.348	43	342234	53.861	ug/l	93
44) Trichloroethene	7.129	130	140611	53.080	ug/l	97
45) 1,2-Dichloropropane	7.434	63	137962	54.069	ug/l	95
46) Dibromomethane	7.586	93	96121	55.537	ug/l	97
47) Bromodichloromethane	7.824	83	175516	56.288	ug/l	100
48) Methyl methacrylate	7.696	41	163633	55.606	ug/l	88
49) 1,4-Dioxane	7.665	88	62264	993.652	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1051325	270.515	ug/l	90
52) Toluene	8.720	92	317762	53.192	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	203370	51.372	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	219556	56.483	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	133313	55.109	ug/l	99
56) Ethyl methacrylate	9.122	69	215564	55.591	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	225435	54.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	539600	262.686	ug/l	97
59) 2-Hexanone	9.433	43	791103	268.059	ug/l	88
60) Dibromochloromethane	9.525	129	135666	50.576	ug/l	99
61) 1,2-Dibromoethane	9.610	107	144141	55.849	ug/l	99
64) Tetrachloroethene	9.275	164	138917	55.428	ug/l	96
65) Chlorobenzene	10.079	112	340882	52.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	129155	52.106	ug/l	99
67) Ethyl Benzene	10.195	91	607527	54.348	ug/l	98
68) m/p-Xylenes	10.305	106	465349	108.242	ug/l	99
69) o-Xylene	10.646	106	223285	52.386	ug/l	99
70) Styrene	10.659	104	372043	55.091	ug/l	99
71) Bromoform	10.805	173	92563	47.846	ug/l	99
73) Isopropylbenzene	10.963	105	597854	53.915	ug/l	99
74) N-amyl acetate	10.848	43	271782	53.723	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	185445	51.339	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	173859m	53.763	ug/l	
77) Bromobenzene	11.201	156	144286	53.940	ug/l	95
78) n-propylbenzene	11.305	91	687083	54.748	ug/l	98
79) 2-Chlorotoluene	11.366	91	402861	53.720	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	492631	54.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	64913	53.974	ug/l	94
82) 4-Chlorotoluene	11.457	91	460397	54.266	ug/l	99
83) tert-Butylbenzene	11.719	119	481297	54.334	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	489681	54.514	ug/l	99
85) sec-Butylbenzene	11.896	105	627198	54.608	ug/l	100
86) p-Isopropyltoluene	12.012	119	519022	55.959	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	261894	52.921	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	258772	51.533	ug/l	99
89) n-Butylbenzene	12.335	91	461201	54.929	ug/l	98
90) Hexachloroethane	12.542	117	82614	49.743	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	254447	53.101	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41208	47.149	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	164516	54.646	ug/l	99
94) Hexachlorobutadiene	13.731	225	72783	53.871	ug/l	99
95) Naphthalene	13.780	128	567170	54.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165095	54.306	ug/l	99

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

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