

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023437.D
 Acq On : 23 Jul 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:21:26 PM

Quant Time: Jul 24 03:47:12 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	140686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	279097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126213	71.919	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 143.840%#			
35) Dibromofluoromethane	5.397	113	97677	55.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.940%			
50) Toluene-d8	8.653	98	332356	51.839	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.680%			
62) 4-Bromofluorobenzene	11.085	95	119999	55.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45323	35.017	ug/l	100
3) Chloromethane	1.294	50	89355	59.264	ug/l	98
4) Vinyl Chloride	1.374	62	75591	49.528	ug/l	99
5) Bromomethane	1.599	94	57876	63.873	ug/l	100
6) Chloroethane	1.679	64	57183	61.048	ug/l	99
7) Trichlorofluoromethane	1.880	101	98951	40.242	ug/l	98
8) Diethyl Ether	2.136	74	66400	73.162	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	50606	36.327	ug/l	98
10) Methyl Iodide	2.453	142	118014	67.616	ug/l	97
11) Tert butyl alcohol	2.983	59	145276	362.375	ug/l	98
12) 1,1-Dichloroethene	2.319	96	68578	49.610	ug/l	99
13) Acrolein	2.239	56	81580	399.468	ug/l	98
14) Allyl chloride	2.666	41	156710	62.355	ug/l	95
15) Acrylonitrile	3.075	53	345645	381.807	ug/l	98
16) Acetone	2.392	43	306862	356.456	ug/l	94
17) Carbon Disulfide	2.514	76	161874	47.490	ug/l	99
18) Methyl Acetate	2.715	43	154751	75.619	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	351579	73.147	ug/l	98
20) Methylene Chloride	2.794	84	109914	65.639	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	88847	60.503	ug/l	98
22) Diisopropyl ether	3.770	45	353755	71.306	ug/l	92
23) Vinyl Acetate	3.733	43	1655940	378.116	ug/l	95
24) 1,1-Dichloroethane	3.617	63	178114	65.320	ug/l	98
25) 2-Butanone	4.568	43	503276	376.569	ug/l	94
26) 2,2-Dichloropropane	4.483	77	107932	48.396	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	116699	68.429	ug/l	97
28) Bromochloromethane	4.904	49	90195	70.876	ug/l	95
29) Tetrahydrofuran	5.019	42	335324	382.779	ug/l	89
30) Chloroform	5.105	83	189205	67.793	ug/l	97
31) Cyclohexane	5.477	56	93240	35.866	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	132599	55.592	ug/l	98
36) 1,1-Dichloropropene	5.696	75	105777	41.896	ug/l	99
37) Ethyl Acetate	4.727	43	191519	60.164	ug/l	95
38) Carbon Tetrachloride	5.684	117	102534	39.934	ug/l	97
39) Methylcyclohexane	7.385	83	87447	27.426	ug/l	98
40) Benzene	6.044	78	398789	53.273	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	100368	59.714	ug/l	93
42) 1,2-Dichloroethane	6.098	62	164046	59.269	ug/l	96
43) Isopropyl Acetate	6.355	43	296739	60.158	ug/l	94
44) Trichloroethene	7.129	130	99938	48.596	ug/l	100
45) 1,2-Dichloropropane	7.440	63	110920	55.996	ug/l	98
46) Dibromomethane	7.586	93	81678	60.790	ug/l	99
47) Bromodichloromethane	7.830	83	143021	59.083	ug/l	99
48) Methyl methacrylate	7.702	41	143182	62.676	ug/l	88
49) 1,4-Dioxane	7.665	88	60243	1238.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	960030	318.199	ug/l	91
52) Toluene	8.726	92	245678	52.975	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	162050	52.681	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	173280	57.422	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	117171	62.393	ug/l	99
56) Ethyl methacrylate	9.122	69	187900	62.419	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	195521	61.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	478937	300.334	ug/l	97
59) 2-Hexanone	9.433	43	729096	318.231	ug/l	89
60) Dibromochloromethane	9.525	129	114503	54.813	ug/l	99
61) 1,2-Dibromoethane	9.616	107	126293	63.033	ug/l	100
64) Tetrachloroethene	9.275	164	88523	41.589	ug/l	95
65) Chlorobenzene	10.086	112	275421	50.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105529	50.167	ug/l	99
67) Ethyl Benzene	10.195	91	446711	47.054	ug/l	99
68) m/p-Xylenes	10.305	106	340953	93.382	ug/l	100
69) o-Xylene	10.646	106	179667	49.633	ug/l	96
70) Styrene	10.659	104	305280	53.227	ug/l	99
71) Bromoform	10.805	173	78147	47.584	ug/l	100
73) Isopropylbenzene	10.963	105	409254	45.786	ug/l	100
74) N-amyl acetate	10.848	43	234848	57.591	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	169466	58.202	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	154818m	59.392	ug/l	
77) Bromobenzene	11.201	156	119163	55.265	ug/l	95
78) n-propylbenzene	11.305	91	453020	44.782	ug/l	98
79) 2-Chlorotoluene	11.366	91	305075	50.468	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	353501	48.563	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	51540	53.165	ug/l	92
82) 4-Chlorotoluene	11.457	91	348279	50.927	ug/l	99
83) tert-Butylbenzene	11.719	119	325946	45.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	366134	50.566	ug/l	100
85) sec-Butylbenzene	11.896	105	375839	40.595	ug/l	100
86) p-Isopropyltoluene	12.012	119	324947	43.463	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205004	51.391	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	206553	51.030	ug/l	99
89) n-Butylbenzene	12.335	91	263525	38.937	ug/l	98
90) Hexachloroethane	12.542	117	52132	39.354	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	207951	53.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36786	51.988	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	123662	50.958	ug/l	99
94) Hexachlorobutadiene	13.731	225	35227	32.347	ug/l	98
95) Naphthalene	13.780	128	485884	58.234	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128881	52.593	ug/l	100

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

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