

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023076.D
 Acq On : 01 Jul 2021 10:25
 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

7/5/2021 1:58:48 PM

Quant Time: Jul 01 14:57:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61543	47.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.391	113	42589	50.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.653	98	161313	48.518	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.085	95	63374	51.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	48497	48.627	ug/l	99
3) Chloromethane	1.294	50	49963	45.622	ug/l	100
4) Vinyl Chloride	1.374	62	48448	47.942	ug/l	100
5) Bromomethane	1.599	94	22608	40.610	ug/l	98
6) Chloroethane	1.678	64	30035	48.091	ug/l	99
7) Trichlorofluoromethane	1.880	101	73056	49.765	ug/l	97
8) Diethyl Ether	2.136	74	28836	50.890	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	48632	52.910	ug/l	88
10) Methyl Iodide	2.453	142	46213	42.448	ug/l	92
11) Tert butyl alcohol	2.977	59	62274	232.924	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44688	48.731	ug/l	87
13) Acrolein	2.239	56	37999	228.520	ug/l	99
14) Allyl chloride	2.666	41	89151	51.170	ug/l	93
15) Acrylonitrile	3.068	53	156432	255.952	ug/l	96
16) Acetone	2.386	43	154972	272.498	ug/l	93
17) Carbon Disulfide	2.508	76	99182	40.418	ug/l	99
18) Methyl Acetate	2.709	43	74166	52.991	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	173622	52.795	ug/l	98
20) Methylene Chloride	2.794	84	59023	52.311	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	49097	48.261	ug/l	87
22) Diisopropyl ether	3.770	45	192874	53.222	ug/l	# 94
23) Vinyl Acetate	3.727	43	837989	275.646	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	100530	51.924	ug/l	96
25) 2-Butanone	4.568	43	237031	268.020	ug/l	90
26) 2,2-Dichloropropane	4.483	77	81860	55.717	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59802	52.965	ug/l	93
28) Bromochloromethane	4.903	49	47112	51.650	ug/l	# 76
29) Tetrahydrofuran	5.013	42	148790	261.563	ug/l	86
30) Chloroform	5.099	83	99961	51.329	ug/l	99
31) Cyclohexane	5.470	56	90844	50.159	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	80132	51.213	ug/l	95
36) 1,1-Dichloropropene	5.696	75	73152	51.553	ug/l	96
37) Ethyl Acetate	4.721	43	88060	53.575	ug/l	94
38) Carbon Tetrachloride	5.678	117	65853	55.331	ug/l	95
39) Methylcyclohexane	7.385	83	88847	53.676	ug/l	93
40) Benzene	6.044	78	216004	52.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	49460	54.621	ug/l	91
42) 1,2-Dichloroethane	6.092	62	82256	54.640	ug/l	95
43) Isopropyl Acetate	6.348	43	145604	55.098	ug/l #	91
44) Trichloroethene	7.129	130	49474	50.986	ug/l	95
45) 1,2-Dichloropropane	7.434	63	57892	54.855	ug/l	95
46) Dibromomethane	7.586	93	37510	53.573	ug/l #	82
47) Bromodichloromethane	7.824	83	70626	49.663	ug/l	94
48) Methyl methacrylate	7.696	41	68535	56.037	ug/l	85
49) 1,4-Dioxane	7.665	88	26025	988.509	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	459574	279.431	ug/l	88
52) Toluene	8.720	92	128790	52.069	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80705	48.083	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	89450	49.834	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	53171	53.579	ug/l	97
56) Ethyl methacrylate	9.122	69	89516	48.912	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	97401	53.994	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	231333	253.975	ug/l	94
59) 2-Hexanone	9.433	43	366006	293.337	ug/l	88
60) Dibromochloromethane	9.525	129	46024	47.541	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53553	53.134	ug/l	98
64) Tetrachloroethene	9.275	164	45033	51.410	ug/l #	84
65) Chlorobenzene	10.079	112	133292	50.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46115	54.360	ug/l	98
67) Ethyl Benzene	10.195	91	255390	52.835	ug/l	97
68) m/p-Xylenes	10.305	106	185764	103.486	ug/l	92
69) o-Xylene	10.646	106	91538	52.395	ug/l	94
70) Styrene	10.659	104	152850	52.710	ug/l	95
71) Bromoform	10.805	173	26364	43.892	ug/l #	98
73) Isopropylbenzene	10.963	105	241152	52.944	ug/l	96
74) N-amyl acetate	10.848	43	129066	50.193	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	79483	50.806	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75846m	53.342	ug/l	
77) Bromobenzene	11.201	156	48368	51.066	ug/l	78
78) n-propylbenzene	11.305	91	298588	54.178	ug/l	96
79) 2-Chlorotoluene	11.366	91	174845	52.545	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	204486	54.673	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	23690	45.654	ug/l #	80
82) 4-Chlorotoluene	11.457	91	207334	53.915	ug/l	92
83) tert-Butylbenzene	11.719	119	184820	52.326	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	209298	55.600	ug/l	95
85) sec-Butylbenzene	11.896	105	257206	53.996	ug/l	97
86) p-Isopropyltoluene	12.012	119	214391	56.640	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	93419	51.122	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	97187	50.862	ug/l	95
89) n-Butylbenzene	12.335	91	202673	56.315	ug/l	97
90) Hexachloroethane	12.542	117	31823	45.793	ug/l	68
91) 1,2-Dichlorobenzene	12.335	146	93016	52.153	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18109	49.090	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	53385	53.969	ug/l	94
94) Hexachlorobutadiene	13.725	225	20070	51.780	ug/l	97
95) Naphthalene	13.780	128	217883	49.667	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	54114	54.312	ug/l	96

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

