

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022133.D
 Acq On : 21 May 2021 23:21
 Operator : JC/MD
 Sample : VX0521MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:31 PM

Quant Time: May 22 05:00:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	77993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	157782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	143797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	65141	54.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.28%			
35) Dibromofluoromethane	5.397	113	49246	49.22	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.44%			
50) Toluene-d8	8.653	98	191663	49.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.46%			
62) 4-Bromofluorobenzene	11.085	95	70996	49.83	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.66%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	17549	18.51	ug/l	99
3) Chloromethane	1.294	50	18536	18.12	ug/l	97
4) Vinyl Chloride	1.374	62	21081	19.48	ug/l	93
5) Bromomethane	1.599	94	11084	17.57	ug/l	98
6) Chloroethane	1.685	64	12893	20.01	ug/l	95
7) Trichlorofluoromethane	1.886	101	28954	18.61	ug/l	100
8) Diethyl Ether	2.142	74	12014	17.95	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	16178	17.51	ug/l	86
10) Methyl Iodide	2.453	142	17979	18.11	ug/l	97
11) Tert butyl alcohol	2.983	59	30159	109.60	ug/l	97
12) 1,1-Dichloroethene	2.319	96	15432	17.26	ug/l	87
13) Acrolein	2.239	56	14169	77.64	ug/l	97
14) Allyl chloride	2.666	41	30301	18.46	ug/l	95
15) Acrylonitrile	3.075	53	57844	106.78	ug/l	100
16) Acetone	2.386	43	52724	100.64	ug/l	99
17) Carbon Disulfide	2.514	76	38594	16.48	ug/l	100
18) Methyl Acetate	2.715	43	29239	20.99	ug/l	96
19) Methyl tert-butyl Ether	3.130	73	60059	19.61	ug/l	98
20) Methylene Chloride	2.794	84	21350	18.36	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	18691	19.22	ug/l	94
22) Diisopropyl ether	3.776	45	60687	19.19	ug/l	92
23) Vinyl Acetate	3.733	43	292143	95.95	ug/l	96
24) 1,1-Dichloroethane	3.617	63	35715	19.25	ug/l	99
25) 2-Butanone	4.574	43	89899	106.07	ug/l	95
26) 2,2-Dichloropropane	4.483	77	22719	13.79	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	22368	18.92	ug/l	99
28) Bromochloromethane	4.910	49	16544	18.38	ug/l	86
29) Tetrahydrofuran	5.026	42	52217	103.52	ug/l	93
30) Chloroform	5.105	83	37167	19.38	ug/l	96
31) Cyclohexane	5.477	56	27014	17.87	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	31875	19.46	ug/l	99
36) 1,1-Dichloropropene	5.696	75	26586	18.22	ug/l	98
37) Ethyl Acetate	4.733	43	34148	19.09	ug/l	96
38) Carbon Tetrachloride	5.684	117	26239	18.38	ug/l	100
39) Methylcyclohexane	7.385	83	27513	16.63	ug/l	94
40) Benzene	6.044	78	82087	18.29	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17945	18.76	ug/l	96
42) 1,2-Dichloroethane	6.098	62	29917	19.02	ug/l	99
43) Isopropyl Acetate	6.355	43	53929	18.43	ug/l	95
44) Trichloroethene	7.135	130	19914	17.85	ug/l	99
45) 1,2-Dichloropropane	7.440	63	22192	19.38	ug/l	93
46) Dibromomethane	7.586	93	14712	18.94	ug/l	89
47) Bromodichloromethane	7.830	83	27593	17.75	ug/l	98
48) Methyl methacrylate	7.702	41	25514	18.92	ug/l	94
49) 1,4-Dioxane	7.665	88	11614	442.45	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	176080	100.48	ug/l	92
52) Toluene	8.726	92	50897	17.90	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	29934	16.68	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	33316	17.27	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	21641	18.75	ug/l	96
56) Ethyl methacrylate	9.122	69	33891	18.17	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	37167	18.86	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	91882	91.08	ug/l	98
59) 2-Hexanone	9.433	43	134487	102.04	ug/l	92
60) Dibromochloromethane	9.525	129	19793	17.63	ug/l	99
61) 1,2-Dibromoethane	9.616	107	22045	19.18	ug/l	98
64) Tetrachloroethene	9.281	164	19015	20.14	ug/l	91
65) Chlorobenzene	10.086	112	53597	17.90	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.171	131	18773	18.05	ug/l	93
67) Ethyl Benzene	10.195	91	98364	17.86	ug/l	100
68) m/p-Xylenes	10.305	106	73799	35.46	ug/l	98
69) o-Xylene	10.646	106	37001	18.28	ug/l	97
70) Styrene	10.659	104	59970	18.09	ug/l	97
71) Bromoform	10.805	173	12486	16.63	ug/l #	99
73) Isopropylbenzene	10.963	105	96542	18.78	ug/l	98
74) N-amyl acetate	10.848	43	46729	19.15	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	34188	20.07	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	29868m	19.93	ug/l	
77) Bromobenzene	11.201	156	19730	18.10	ug/l	85
78) n-propylbenzene	11.305	91	110217	18.31	ug/l	99
79) 2-Chlorotoluene	11.366	91	66642	18.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	80380	18.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	10251	16.21	ug/l	98
82) 4-Chlorotoluene	11.457	91	76063	18.08	ug/l	98
83) tert-Butylbenzene	11.719	119	75814	18.56	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	80440	18.76	ug/l	99
85) sec-Butylbenzene	11.896	105	96450	18.58	ug/l	99
86) p-Isopropyltoluene	12.012	119	80344	18.32	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	38813	18.47	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	38424	17.69	ug/l	94
89) n-Butylbenzene	12.335	91	72007	17.75	ug/l	97
90) Hexachloroethane	12.542	117	11715	16.16	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	38688	19.17	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7192	19.73	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	21409	17.58	ug/l	94
94) Hexachlorobutadiene	13.731	225	8555	18.00	ug/l	95
95) Naphthalene	13.780	128	96460	20.31	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22848	18.61	ug/l	96

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

