

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022253.D
 Acq On : 28 May 2021 14:57
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 2:27:44 PM

Quant Time: May 29 03:44:32 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	77173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	151224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63224	53.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.22%			
35) Dibromofluoromethane	5.391	113	47354	49.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.76%			
50) Toluene-d8	8.653	98	184634	49.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.96%			
62) 4-Bromofluorobenzene	11.085	95	69476	50.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.76%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16087	17.15	ug/l	97
3) Chloromethane	1.295	50	17344	17.14	ug/l	96
4) Vinyl Chloride	1.374	62	18362	17.15	ug/l	99
5) Bromomethane	1.599	94	10036	16.08	ug/l	99
6) Chloroethane	1.685	64	12241	19.20	ug/l	96
7) Trichlorofluoromethane	1.886	101	27756	18.03	ug/l	99
8) Diethyl Ether	2.136	74	11887	17.95	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	17135	18.74	ug/l	91
10) Methyl Iodide	2.453	142	17573	17.88	ug/l	97
11) Tert butyl alcohol	2.971	59	29961	110.04	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15897	17.97	ug/l	97
13) Acrolein	2.240	56	16492	91.33	ug/l	98
14) Allyl chloride	2.666	41	30163	18.57	ug/l	97
15) Acrylonitrile	3.069	53	56460	105.33	ug/l	98
16) Acetone	2.386	43	52137	100.58	ug/l	96
17) Carbon Disulfide	2.514	76	32080	13.85	ug/l	96
18) Methyl Acetate	2.709	43	29950	21.73	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	60845	20.08	ug/l	96
20) Methylene Chloride	2.794	84	21416	18.61	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	17827	18.53	ug/l	93
22) Diisopropyl ether	3.770	45	61842	19.76	ug/l	97
23) Vinyl Acetate	3.727	43	299664	99.47	ug/l	95
24) 1,1-Dichloroethane	3.611	63	35634	19.41	ug/l	97
25) 2-Butanone	4.562	43	88660	105.72	ug/l	89
26) 2,2-Dichloropropane	4.483	77	28649	17.58	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	22052	18.85	ug/l	99
28) Bromochloromethane	4.904	49	17210	19.32	ug/l	87
29) Tetrahydrofuran	5.019	42	50141	100.46	ug/l	93
30) Chloroform	5.105	83	36316	19.14	ug/l	100
31) Cyclohexane	5.471	56	26765	17.89	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	30049	18.54	ug/l	97
36) 1,1-Dichloropropene	5.696	75	25633	18.33	ug/l	98
37) Ethyl Acetate	4.721	43	33087	19.30	ug/l	96
38) Carbon Tetrachloride	5.690	117	24503	17.91	ug/l	98
39) Methylcyclohexane	7.385	83	28075	17.70	ug/l	99
40) Benzene	6.044	78	80833	18.79	ug/l	99

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41) Methacrylonitrile	4.934	41	18640	20.33	ug/l	94
42) 1,2-Dichloroethane	6.099	62	29559	19.61	ug/l	97
43) Isopropyl Acetate	6.349	43	57224	20.41	ug/l	93
44) Trichloroethene	7.135	130	18871	17.65	ug/l	95
45) 1,2-Dichloropropane	7.434	63	21432	19.53	ug/l	94
46) Dibromomethane	7.586	93	13841	18.59	ug/l	89
47) Bromodichloromethane	7.824	83	26790	17.98	ug/l	100
48) Methyl methacrylate	7.696	41	25740	19.92	ug/l	90
49) 1,4-Dioxane	7.665	88	11283	448.48	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	177357	105.60	ug/l	92
52) Toluene	8.720	92	50964	18.70	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	30581	17.78	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	33541	18.14	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	21657	19.58	ug/l	99
56) Ethyl methacrylate	9.122	69	34875	19.51	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	37077	19.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	92759	95.94	ug/l	98
59) 2-Hexanone	9.433	43	134928	106.82	ug/l	91
60) Dibromochloromethane	9.525	129	18901	17.56	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21401	19.43	ug/l	100
64) Tetrachloroethene	9.275	164	16633	18.18	ug/l #	89
65) Chlorobenzene	10.086	112	54473	18.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18698	18.55	ug/l	98
67) Ethyl Benzene	10.195	91	99857	18.71	ug/l	100
68) m/p-Xylenes	10.305	106	73545	36.46	ug/l	96
69) o-Xylene	10.647	106	36546	18.63	ug/l	99
70) Styrene	10.659	104	60718	18.89	ug/l	98
71) Bromoform	10.805	173	10874	15.09	ug/l #	91
73) Isopropylbenzene	10.964	105	96874	18.45	ug/l	100
74) N-amyl acetate	10.848	43	49400	19.82	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	34754	19.97	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	31374m	20.50	ug/l	
77) Bromobenzene	11.201	156	20353	18.28	ug/l	85
78) n-propylbenzene	11.305	91	115121	18.72	ug/l	98
79) 2-Chlorotoluene	11.366	91	68570	18.38	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	83101	19.10	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	10132	15.69	ug/l	91
82) 4-Chlorotoluene	11.457	91	80076	18.63	ug/l	96
83) tert-Butylbenzene	11.720	119	75944	18.20	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	83849	19.14	ug/l	97
85) sec-Butylbenzene	11.896	105	101349	19.11	ug/l	98
86) p-Isopropyltoluene	12.012	119	82676	18.46	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	40225	18.74	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	40500	18.26	ug/l	95
89) n-Butylbenzene	12.335	91	77884	18.80	ug/l	99
90) Hexachloroethane	12.543	117	11169	15.09	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	39365	19.09	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6776	18.20	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	23707	19.06	ug/l	95
94) Hexachlorobutadiene	13.731	225	8659	17.83	ug/l	99
95) Naphthalene	13.780	128	101947	21.01	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24017	19.15	ug/l	97

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

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