

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022161.D
 Acq On : 24 May 2021 20:32
 Operator : JC/MD
 Sample : M2472-12MS
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-938-940MS

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:59:42 PM

Quant Time: May 25 02:10:42 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	5.556	168	75340	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	153323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	140860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61773	53.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.30%			
35) Dibromofluoromethane	5.397	113	49368	50.77	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.54%			
50) Toluene-d8	8.653	98	187951	50.18	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.085	95	74891	54.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44236	48.30	ug/l	99
3) Chloromethane	1.295	50	49762	50.37	ug/l	97
4) Vinyl Chloride	1.374	62	53720	51.39	ug/l	100
5) Bromomethane	1.593	94	13064	21.43	ug/l	97
6) Chloroethane	1.660	64	14310	22.99	ug/l	100
7) Trichlorofluoromethane	1.837	101	79631	52.98	ug/l	96
8) Diethyl Ether	2.142	74	34219	52.93	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.300	101	43977	49.27	ug/l	90
10) Methyl Iodide	2.428	142	30545	31.84	ug/l	95
12) 1,1-Dichloroethene	2.294	96	42871	49.65	ug/l	87
13) Acrolein	2.252	56	43362	245.96	ug/l	99
14) Allyl chloride	2.648	41	80646	50.85	ug/l	96
15) Acrylonitrile	3.093	53	158781	303.42	ug/l	100
16) Acetone	2.416	43	140759	278.16	ug/l	98
17) Carbon Disulfide	2.483	76	105991	46.87	ug/l	99
18) Methyl Acetate	2.727	43	82736	61.48	ug/l	93
19) Methyl tert-butyl Ether	3.136	73	166361	56.24	ug/l	99
20) Methylene Chloride	2.782	84	57584	51.25	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	50858	54.15	ug/l	99
22) Diisopropyl ether	3.788	45	171218	56.05	ug/l	# 84
23) Vinyl Acetate	3.733	43	824906	280.48	ug/l	97
24) 1,1-Dichloroethane	3.605	63	100046	55.81	ug/l	98
25) 2-Butanone	4.599	43	241218	294.64	ug/l	94
26) 2,2-Dichloropropane	4.471	77	68112	42.80	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62656	54.86	ug/l	98
28) Bromochloromethane	4.910	49	43253	49.74	ug/l	86
29) Tetrahydrofuran	5.038	42	141770	290.95	ug/l	91
30) Chloroform	5.105	83	100508	54.27	ug/l	96
31) Cyclohexane	5.465	56	74734	51.17	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	85052	53.74	ug/l	99
36) 1,1-Dichloropropene	5.690	75	72121	50.87	ug/l	98
37) Ethyl Acetate	4.745	43	93968	54.07	ug/l	96
38) Carbon Tetrachloride	5.672	117	70023	50.49	ug/l	97
39) Methylcyclohexane	7.379	83	75946	47.23	ug/l	98
40) Benzene	6.038	78	226176	51.85	ug/l	97
41) Methacrylonitrile	4.946	41	50472	54.28	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.099	62	79940	52.31	ug/l	98
43) Isopropyl Acetate	6.361	43	156575	55.08	ug/l	94
44) Trichloroethene	7.129	130	53791	49.62	ug/l	100
45) 1,2-Dichloropropane	7.434	63	60610	54.47	ug/l	98
46) Dibromomethane	7.586	93	39864	52.80	ug/l #	87
47) Bromodichloromethane	7.830	83	78542	51.99	ug/l	99
48) Methyl methacrylate	7.702	41	70945	54.15	ug/l	93
49) 1,4-Dioxane	7.690	88	27785	1089.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.592	43	497485	292.15	ug/l	93
52) Toluene	8.720	92	143788	52.05	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	87418	50.13	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	95344	50.86	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	60112	53.60	ug/l	99
56) Ethyl methacrylate	9.128	69	99427	54.86	ug/l #	90
57) 1,3-Dichloropropane	9.317	76	103342	53.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	253183	258.27	ug/l	97
59) 2-Hexanone	9.439	43	386199	301.55	ug/l	92
60) Dibromochloromethane	9.525	129	57920	53.09	ug/l	98
61) 1,2-Dibromoethane	9.616	107	60917	54.56	ug/l	99
64) Tetrachloroethene	9.275	164	44426	48.04	ug/l	92
65) Chlorobenzene	10.086	112	149763	51.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.171	131	53375	52.38	ug/l	97
67) Ethyl Benzene	10.195	91	276828	51.32	ug/l	100
68) m/p-Xylenes	10.305	106	211315	103.65	ug/l	100
69) o-Xylene	10.647	106	102983	51.94	ug/l	99
70) Styrene	10.659	104	176203	54.25	ug/l	98
71) Bromoform	10.805	173	39218	50.22	ug/l #	98
73) Isopropylbenzene	10.964	105	270291	46.63	ug/l	100
74) N-amyl acetate	10.848	43	149271	54.25	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.220	83	105660	54.99	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88449m	52.35	ug/l	
77) Bromobenzene	11.201	156	60173	48.96	ug/l	90
78) n-propylbenzene	11.311	91	325095	47.88	ug/l	98
79) 2-Chlorotoluene	11.366	91	193298	46.94	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	236827	49.29	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	34114	47.84	ug/l	95
82) 4-Chlorotoluene	11.457	91	226475	47.73	ug/l	97
83) tert-Butylbenzene	11.719	119	227264	49.32	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	242826	50.21	ug/l	99
85) sec-Butylbenzene	11.896	105	286791	48.98	ug/l	99
86) p-Isopropyltoluene	12.012	119	243653	49.27	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	117753	49.69	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	121636	49.66	ug/l	96
89) n-Butylbenzene	12.335	91	231043	50.51	ug/l	98
90) Hexachloroethane	12.543	117	39962	48.89	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	118028	51.85	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23372	56.85	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	72092	52.49	ug/l	97
94) Hexachlorobutadiene	13.731	225	27070	50.49	ug/l	99
95) Naphthalene	13.780	128	301381	56.26	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73076	52.78	ug/l	98

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

