

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024504.D
 Acq On : 01 Oct 2021 16:34
 Operator : JC/MD
 Sample : VX1001MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:50:47 PM

Quant Time: Oct 02 04:07:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	161087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107161	47.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.391	113	78010	46.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.653	98	290054	47.073	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.140%
62) 4-Bromofluorobenzene	11.085	95	111338	45.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27548	16.995	ug/l	100
3) Chloromethane	1.295	50	26017	17.028	ug/l	97
4) Vinyl Chloride	1.374	62	26753	16.739	ug/l	99
5) Bromomethane	1.599	94	19581	18.203	ug/l	99
6) Chloroethane	1.685	64	17844	16.935	ug/l	100
7) Trichlorofluoromethane	1.886	101	46650	16.540	ug/l	99
8) Diethyl Ether	2.136	74	16113	16.784	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	26934	16.935	ug/l	95
10) Methyl Iodide	2.453	142	36680	16.483	ug/l	93
11) Tert butyl alcohol	2.971	59	41727	70.127	ug/l	96
12) 1,1-Dichloroethene	2.319	96	25548	17.301	ug/l	94
13) Acrolein	2.239	56	7585	69.345	ug/l	98
14) Allyl chloride	2.666	41	44588	16.516	ug/l	88
15) Acrylonitrile	3.069	53	85107	82.516	ug/l	96
16) Acetone	2.386	43	92260	89.817	ug/l	92
17) Carbon Disulfide	2.514	76	51292	13.641	ug/l	100
18) Methyl Acetate	2.709	43	56270	16.552	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	99032	17.795	ug/l	98
20) Methylene Chloride	2.788	84	30309	17.089	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	27951	16.669	ug/l	96
22) Diisopropyl ether	3.770	45	93787	17.003	ug/l	99
23) Vinyl Acetate	3.727	43	385423	86.292	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	52404	17.112	ug/l	98
25) 2-Butanone	4.568	43	133257	85.228	ug/l	91
26) 2,2-Dichloropropane	4.477	77	47692	17.312	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	32992	16.834	ug/l	96
28) Bromochloromethane	4.910	49	25948	18.664	ug/l	97
29) Tetrahydrofuran	5.019	42	82244	82.552	ug/l	92
30) Chloroform	5.105	83	58088	17.174	ug/l	99
31) Cyclohexane	5.477	56	45047	16.570	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	51689	17.214	ug/l	98
36) 1,1-Dichloropropene	5.696	75	39878	16.506	ug/l	98
37) Ethyl Acetate	4.727	43	48802	16.180	ug/l	95
38) Carbon Tetrachloride	5.684	117	43557	16.563	ug/l	96
39) Methylcyclohexane	7.385	83	47362	16.743	ug/l	97
40) Benzene	6.044	78	117515	17.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	25812	16.571	ug/l	92
42) 1,2-Dichloroethane	6.099	62	49406	17.030	ug/l	93
43) Isopropyl Acetate	6.348	43	77562	16.914	ug/l	93
44) Trichloroethene	7.129	130	31850	16.757	ug/l	95
45) 1,2-Dichloropropane	7.440	63	31006	17.397	ug/l	92
46) Dibromomethane	7.586	93	21971	16.440	ug/l	98
47) Bromodichloromethane	7.830	83	39998	16.330	ug/l	99
48) Methyl methacrylate	7.696	41	37026	16.307	ug/l	88
49) 1,4-Dioxane	7.665	88	16571	318.627	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	254653	84.119	ug/l	90
52) Toluene	8.720	92	76677	17.183	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	45922	16.542	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	48777	17.280	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	32480	17.602	ug/l	96
56) Ethyl methacrylate	9.122	69	50167	17.082	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	53062	17.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	128523	88.657	ug/l	99
59) 2-Hexanone	9.433	43	202720	85.032	ug/l	88
60) Dibromochloromethane	9.525	129	29555	14.968	ug/l	99
61) 1,2-Dibromoethane	9.616	107	34102	16.835	ug/l	100
64) Tetrachloroethene	9.275	164	27817	17.157	ug/l	97
65) Chlorobenzene	10.080	112	82442	16.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31460	17.297	ug/l	96
67) Ethyl Benzene	10.195	91	149585	17.315	ug/l	99
68) m/p-Xylenes	10.305	106	114539	34.576	ug/l	98
69) o-Xylene	10.647	106	56433	17.227	ug/l	100
70) Styrene	10.659	104	92971	16.973	ug/l	97
71) Bromoform	10.805	173	20779	14.820	ug/l #	99
73) Isopropylbenzene	10.964	105	151047	17.928	ug/l	100
74) N-amyl acetate	10.848	43	65418	16.881	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	51553	17.303	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	47071m	17.393	ug/l	
77) Bromobenzene	11.201	156	37700	17.390	ug/l	95
78) n-propylbenzene	11.305	91	170992	17.362	ug/l	100
79) 2-Chlorotoluene	11.366	91	106688	17.783	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	129198	17.951	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	14276	15.912	ug/l #	83
82) 4-Chlorotoluene	11.457	91	122630	17.372	ug/l	98
83) tert-Butylbenzene	11.720	119	125926	17.452	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	127390	17.801	ug/l	99
85) sec-Butylbenzene	11.896	105	158826	17.892	ug/l	98
86) p-Isopropyltoluene	12.012	119	132999	17.570	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	69714	16.886	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70229	16.467	ug/l	97
89) n-Butylbenzene	12.335	91	115074	17.169	ug/l	97
90) Hexachloroethane	12.543	117	18299	14.701	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	69759	17.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11646	16.189	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	42876	16.499	ug/l	98
94) Hexachlorobutadiene	13.725	225	18809	15.823	ug/l	98
95) Naphthalene	13.780	128	149022	17.916	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44755	16.807	ug/l	99

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

