

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024500.D
 Acq On : 01 Oct 2021 15:01
 Operator : JC/MD
 Sample : VX1001MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:50:46 PM

Quant Time: Oct 01 16:16:19 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	5.556	168	149925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104047	49.241	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.391	113	77754	50.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	8.652	98	282990	50.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.085	95	110821	49.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26224	17.383	ug/l	99
3) Chloromethane	1.294	50	24340	17.116	ug/l	96
4) Vinyl Chloride	1.373	62	26426	17.765	ug/l	98
5) Bromomethane	1.599	94	18651	18.630	ug/l	98
6) Chloroethane	1.684	64	16191	16.516	ug/l	95
7) Trichlorofluoromethane	1.885	101	46907	17.870	ug/l	99
8) Diethyl Ether	2.135	74	15632	17.496	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.330	101	27437	18.536	ug/l	96
10) Methyl Iodide	2.452	142	34232	16.528	ug/l	90
11) Tert butyl alcohol	2.971	59	37677	67.647	ug/l	97
12) 1,1-Dichloroethene	2.318	96	24469	17.804	ug/l	92
13) Acrolein	2.239	56	6607	65.545	ug/l	96
14) Allyl chloride	2.666	41	43676	17.383	ug/l	89
15) Acrylonitrile	3.068	53	82461	85.902	ug/l	98
16) Acetone	2.385	43	84736	88.494	ug/l	88
17) Carbon Disulfide	2.513	76	55818	15.911	ug/l	96
18) Methyl Acetate	2.708	43	53652	16.957	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	90501	17.473	ug/l	98
20) Methylene Chloride	2.788	84	28757	17.444	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	27030	17.320	ug/l	95
22) Diisopropyl ether	3.769	45	90237	17.578	ug/l	98
23) Vinyl Acetate	3.727	43	367827	88.484	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	51488	18.064	ug/l	98
25) 2-Butanone	4.568	43	125295	86.102	ug/l	92
26) 2,2-Dichloropropane	4.483	77	45436	17.721	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	31198	17.104	ug/l	94
28) Bromochloromethane	4.903	49	23587	18.229	ug/l	96
29) Tetrahydrofuran	5.013	42	78002	84.124	ug/l	90
30) Chloroform	5.092	83	56774	18.035	ug/l	97
31) Cyclohexane	5.470	56	42566	16.823	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	50980	18.242	ug/l	99
36) 1,1-Dichloropropene	5.696	75	38781	17.546	ug/l	99
37) Ethyl Acetate	4.720	43	45399	16.452	ug/l	94
38) Carbon Tetrachloride	5.677	117	44912	18.667	ug/l	91
39) Methylcyclohexane	7.384	83	45832	17.709	ug/l	94
40) Benzene	6.043	78	112815	17.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	25862	18.148	ug/l	92
42) 1,2-Dichloroethane	6.092	62	48244	18.176	ug/l	95
43) Isopropyl Acetate	6.348	43	73232	17.456	ug/l	92
44) Trichloroethene	7.134	130	31134	17.904	ug/l	91
45) 1,2-Dichloropropane	7.433	63	30467	18.685	ug/l	93
46) Dibromomethane	7.586	93	21448	17.542	ug/l	97
47) Bromodichloromethane	7.823	83	41589	18.560	ug/l	95
48) Methyl methacrylate	7.695	41	35852	17.259	ug/l	84
49) 1,4-Dioxane	7.665	88	15601	327.886	ug/l #	93
51) 4-Methyl-2-Pentanone	8.579	43	248571	89.750	ug/l	89
52) Toluene	8.720	92	73643	18.038	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44693	17.597	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	47278	18.307	ug/l #	90
55) 1,1,2-Trichloroethane	9.152	97	31471	18.643	ug/l	98
56) Ethyl methacrylate	9.122	69	45293	16.857	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	51420	18.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	115892	87.382	ug/l	98
59) 2-Hexanone	9.433	43	192165	88.104	ug/l	86
60) Dibromochloromethane	9.524	129	30925	16.949	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33216	17.923	ug/l	99
64) Tetrachloroethene	9.274	164	26981	18.040	ug/l	94
65) Chlorobenzene	10.079	112	81036	18.001	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	30488	18.171	ug/l	99
67) Ethyl Benzene	10.195	91	142041	17.824	ug/l	99
68) m/p-Xylenes	10.305	106	111120	36.363	ug/l	97
69) o-Xylene	10.646	106	53329	17.648	ug/l	95
70) Styrene	10.658	104	90184	17.848	ug/l	97
71) Bromoform	10.805	173	22156	16.769	ug/l #	97
73) Isopropylbenzene	10.963	105	145039	18.620	ug/l	98
74) N-amyl acetate	10.847	43	62752	17.514	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	50058	18.172	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	46372m	18.532	ug/l	
77) Bromobenzene	11.201	156	36958	18.438	ug/l	94
78) n-propylbenzene	11.304	91	168390	18.492	ug/l	99
79) 2-Chlorotoluene	11.365	91	103653	18.686	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	127130	19.105	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14543	17.334	ug/l #	85
82) 4-Chlorotoluene	11.457	91	119885	18.369	ug/l	99
83) tert-Butylbenzene	11.719	119	121401	18.197	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	124676	18.843	ug/l	98
85) sec-Butylbenzene	11.896	105	155630	18.962	ug/l	100
86) p-Isopropyltoluene	12.012	119	131148	18.739	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	67608	17.711	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	69343	17.586	ug/l	97
89) n-Butylbenzene	12.335	91	113105	18.251	ug/l	97
90) Hexachloroethane	12.542	117	21057	18.297	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	68009	18.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	11573	17.399	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	40769	16.968	ug/l	99
94) Hexachlorobutadiene	13.731	225	20447	18.604	ug/l	100
95) Naphthalene	13.780	128	138141	17.963	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43556	17.691	ug/l	99

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

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