

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023242.D
 Acq On : 12 Jul 2021 15:24
 Operator : JC/MD
 Sample : VX0712MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2021 6:54:02 PM

Quant Time: Jul 12 16:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	276827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181482	48.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.391	113	135092	48.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.653	98	482930	46.053	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.085	95	183916	45.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	43618	17.389	ug/l	99
3) Chloromethane	1.294	50	39023	15.724	ug/l	96
4) Vinyl Chloride	1.374	62	43229	16.444	ug/l	99
5) Bromomethane	1.599	94	24281	14.315	ug/l	99
6) Chloroethane	1.685	64	28453	16.552	ug/l	97
7) Trichlorofluoromethane	1.886	101	78069	17.088	ug/l	95
8) Diethyl Ether	2.136	74	30726	18.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49814	18.631	ug/l	97
10) Methyl Iodide	2.453	142	58483	17.814	ug/l	94
11) Tert butyl alcohol	2.971	59	71716	91.625	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43392	17.584	ug/l	96
13) Acrolein	2.239	56	43911	84.249	ug/l	97
14) Allyl chloride	2.666	41	78319	18.264	ug/l	94
15) Acrylonitrile	3.068	53	141273	92.824	ug/l	97
16) Acetone	2.386	43	129280	87.828	ug/l	90
17) Carbon Disulfide	2.514	76	80408	15.450	ug/l	98
18) Methyl Acetate	2.709	43	67319	18.841	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	183687	19.903	ug/l	99
20) Methylene Chloride	2.788	84	54275	17.126	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	46694	17.521	ug/l	97
22) Diisopropyl ether	3.770	45	167293	18.505	ug/l	99
23) Vinyl Acetate	3.727	43	719221	94.000	ug/l	96
24) 1,1-Dichloroethane	3.611	63	92747	18.158	ug/l	98
25) 2-Butanone	4.568	43	202143	91.070	ug/l	95
26) 2,2-Dichloropropane	4.483	77	77791	18.145	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	58636	18.165	ug/l	97
28) Bromochloromethane	4.903	49	43002	17.745	ug/l	99
29) Tetrahydrofuran	5.013	42	128749	90.235	ug/l	94
30) Chloroform	5.099	83	102317	18.543	ug/l	99
31) Cyclohexane	5.477	56	74709	16.771	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	90431	18.818	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67569	17.411	ug/l	99
37) Ethyl Acetate	4.727	43	78225	18.477	ug/l	97
38) Carbon Tetrachloride	5.684	117	78814	19.456	ug/l	99
39) Methylcyclohexane	7.385	83	80964	17.837	ug/l	100
40) Benzene	6.044	78	202280	17.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43067	18.197	ug/l	92
42) 1,2-Dichloroethane	6.092	62	87038	19.224	ug/l	95
43) Isopropyl Acetate	6.348	43	129442	18.382	ug/l	95
44) Trichloroethene	7.129	130	58191	18.205	ug/l	98
45) 1,2-Dichloropropane	7.434	63	54220	18.434	ug/l	97
46) Dibromomethane	7.586	93	39086	18.607	ug/l	98
47) Bromodichloromethane	7.824	83	72379	18.872	ug/l	100
48) Methyl methacrylate	7.696	41	62067	17.962	ug/l	90
49) 1,4-Dioxane	7.665	88	28629	368.140	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	397374	91.066	ug/l	93
52) Toluene	8.720	92	129134	17.709	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	79129	18.164	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	84638	18.211	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	57526	18.786	ug/l	97
56) Ethyl methacrylate	9.122	69	87580	18.509	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	93063	18.387	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	224872	90.373	ug/l	99
59) 2-Hexanone	9.433	43	297711	88.920	ug/l	90
60) Dibromochloromethane	9.525	129	56038	18.482	ug/l	99
61) 1,2-Dibromoethane	9.616	107	60177	19.148	ug/l	99
64) Tetrachloroethene	9.275	164	58997	19.059	ug/l	96
65) Chlorobenzene	10.079	112	144705	18.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55243	19.915	ug/l	99
67) Ethyl Benzene	10.195	91	250338	18.458	ug/l	99
68) m/p-Xylenes	10.305	106	194182	37.503	ug/l	99
69) o-Xylene	10.646	106	95691	18.337	ug/l	98
70) Styrene	10.659	104	158329	18.574	ug/l	98
71) Bromoform	10.805	173	36956	18.458	ug/l #	99
73) Isopropylbenzene	10.963	105	255668	19.387	ug/l	99
74) N-amyl acetate	10.848	43	101891	18.207	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	80744	19.271	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77106m	20.468	ug/l	
77) Bromobenzene	11.201	156	62827	19.081	ug/l	97
78) n-propylbenzene	11.305	91	285968	18.752	ug/l	98
79) 2-Chlorotoluene	11.366	91	178372	18.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	213840	18.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22354	19.759	ug/l	87
82) 4-Chlorotoluene	11.457	91	201431	18.925	ug/l	99
83) tert-Butylbenzene	11.719	119	210023	19.486	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	213453	19.022	ug/l	99
85) sec-Butylbenzene	11.896	105	265108	19.116	ug/l	99
86) p-Isopropyltoluene	12.012	119	223682	19.228	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	116546	18.849	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	116340	18.687	ug/l	96
89) n-Butylbenzene	12.335	91	185229	18.176	ug/l	98
90) Hexachloroethane	12.542	117	33228	18.692	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	117105	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17526	18.745	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	71770	18.942	ug/l	98
94) Hexachlorobutadiene	13.725	225	31581	19.686	ug/l	97
95) Naphthalene	13.780	128	243946	18.285	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74025	19.426	ug/l	99

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

