

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024615.D
 Acq On : 06 Oct 2021 13:36
 Operator : JC/MD
 Sample : VX1006MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:40 PM

Quant Time: Oct 06 15:22:44 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	160707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116317	51.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.700%
35) Dibromofluoromethane	5.397	113	88102	48.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.653	98	308655	46.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.840%
62) 4-Bromofluorobenzene	11.085	95	130568	49.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29746	18.395	ug/l	98
3) Chloromethane	1.294	50	25713	16.869	ug/l	98
4) Vinyl Chloride	1.374	62	25473	15.976	ug/l	97
5) Bromomethane	1.599	94	17714	16.507	ug/l	100
6) Chloroethane	1.685	64	17048	16.228	ug/l	96
7) Trichlorofluoromethane	1.886	101	46376	16.482	ug/l	96
8) Diethyl Ether	2.136	74	16868	17.612	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	29002	18.279	ug/l	94
10) Methyl Iodide	2.453	142	34534	15.555	ug/l	94
11) Tert butyl alcohol	2.971	59	50436	87.716	ug/l	99
12) 1,1-Dichloroethene	2.319	96	25880	17.567	ug/l	94
13) Acrolein	2.239	56	26937	221.105	ug/l	100
14) Allyl chloride	2.666	41	55511	20.611	ug/l	95
15) Acrylonitrile	3.068	53	114769	111.537	ug/l	99
16) Acetone	2.386	43	118774	118.972	ug/l	93
17) Carbon Disulfide	2.514	76	63719	16.930	ug/l	99
18) Methyl Acetate	2.709	43	72260	21.306	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	119203	21.471	ug/l	99
20) Methylene Chloride	2.794	84	38169	21.879	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	32081	19.177	ug/l	97
22) Diisopropyl ether	3.769	45	111952	20.345	ug/l	94
23) Vinyl Acetate	3.727	43	452349	101.515	ug/l	94
24) 1,1-Dichloroethane	3.617	63	58610	19.183	ug/l	98
25) 2-Butanone	4.562	43	162332	104.070	ug/l	92
26) 2,2-Dichloropropane	4.483	77	53007	19.287	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	38072	19.472	ug/l	98
28) Bromochloromethane	4.903	49	23812	17.168	ug/l	98
29) Tetrahydrofuran	5.019	42	100107	100.720	ug/l	90
30) Chloroform	5.099	83	66370	19.669	ug/l	97
31) Cyclohexane	5.476	56	48231	17.783	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	55959	18.680	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40700	15.613	ug/l	98
37) Ethyl Acetate	4.721	43	57402	17.637	ug/l	96
38) Carbon Tetrachloride	5.684	117	46137	16.259	ug/l	99
39) Methylcyclohexane	7.385	83	51971	17.026	ug/l	98
40) Benzene	6.037	78	132443	17.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32311	19.224	ug/l	94
42) 1,2-Dichloroethane	6.098	62	57100	18.240	ug/l	94
43) Isopropyl Acetate	6.348	43	93600	18.917	ug/l	95
44) Trichloroethene	7.129	130	37489	18.279	ug/l	92
45) 1,2-Dichloropropane	7.433	63	35876	18.655	ug/l	100
46) Dibromomethane	7.586	93	26388	18.298	ug/l	97
47) Bromodichloromethane	7.824	83	47867	18.111	ug/l	97
48) Methyl methacrylate	7.696	41	43674	17.826	ug/l	89
49) 1,4-Dioxane	7.665	88	20019	356.726	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	306640	93.872	ug/l	91
52) Toluene	8.720	92	85022	17.657	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	55730	18.604	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	55280	18.149	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	39009	19.592	ug/l	99
56) Ethyl methacrylate	9.122	69	58642	18.505	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	65952	19.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	133913	85.608	ug/l	98
59) 2-Hexanone	9.433	43	246927	95.987	ug/l	92
60) Dibromochloromethane	9.525	129	38627	17.879	ug/l	98
61) 1,2-Dibromoethane	9.616	107	43042	19.691	ug/l	99
64) Tetrachloroethene	9.275	164	33708	19.106	ug/l	92
65) Chlorobenzene	10.079	112	101908	19.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37308	18.851	ug/l	98
67) Ethyl Benzene	10.195	91	175664	18.687	ug/l	99
68) m/p-Xylenes	10.305	106	137193	38.059	ug/l	99
69) o-Xylene	10.646	106	69222	19.420	ug/l	98
70) Styrene	10.659	104	113298	19.008	ug/l	98
71) Bromoform	10.799	173	27886	17.737	ug/l #	99
73) Isopropylbenzene	10.963	105	177936	20.289	ug/l	99
74) N-amyl acetate	10.848	43	76511	18.966	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	61066	19.689	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	58467m	20.753	ug/l	
77) Bromobenzene	11.201	156	41864	18.551	ug/l	97
78) n-propylbenzene	11.305	91	195662	19.085	ug/l	99
79) 2-Chlorotoluene	11.366	91	119227	19.091	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	142084	18.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19060	19.860	ug/l	94
82) 4-Chlorotoluene	11.457	91	134529	18.308	ug/l	100
83) tert-Butylbenzene	11.719	119	138704	18.466	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	146182	19.623	ug/l	98
85) sec-Butylbenzene	11.890	105	183040	19.808	ug/l	99
86) p-Isopropyltoluene	12.012	119	156533	19.865	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80366	18.699	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	78390	17.657	ug/l	99
89) n-Butylbenzene	12.335	91	131423	18.836	ug/l	97
90) Hexachloroethane	12.542	117	22026	16.999	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	80994	19.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13767	18.383	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	46193	17.076	ug/l	99
94) Hexachlorobutadiene	13.725	225	20915	16.902	ug/l	98
95) Naphthalene	13.780	128	158412	18.296	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47590	17.168	ug/l	99

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

