

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024071.D
 Acq On : 02 Sep 2021 15:23
 Operator : JC/MD
 Sample : VX0902MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:36:35 PM

Quant Time: Sep 02 16:11:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	159446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111763	50.222	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.440%	
35) Dibromofluoromethane	5.391	113	84662	52.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	8.653	98	304148	49.240	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	11.085	95	119017	52.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	26739	15.895	ug/l	100
3) Chloromethane	1.294	50	26576	14.391	ug/l	100
4) Vinyl Chloride	1.373	62	26721	14.836	ug/l	97
5) Bromomethane	1.599	94	20324	17.948	ug/l	94
6) Chloroethane	1.684	64	18056	14.047	ug/l	100
7) Trichlorofluoromethane	1.885	101	49051	17.246	ug/l	96
8) Diethyl Ether	2.135	74	16053	16.162	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.330	101	27983	17.484	ug/l	95
10) Methyl Iodide	2.452	142	34447	15.458	ug/l	90
11) Tert butyl alcohol	2.977	59	36330	80.727	ug/l	98
12) 1,1-Dichloroethene	2.318	96	25401	16.600	ug/l	91
13) Acrolein	2.245	56	23986	89.563	ug/l	96
14) Allyl chloride	2.666	41	44792	15.884	ug/l	87
15) Acrylonitrile	3.074	53	79413	79.197	ug/l	96
16) Acetone	2.385	43	92869	93.334	ug/l	91
17) Carbon Disulfide	2.513	76	58367	15.993	ug/l	100
18) Methyl Acetate	2.715	43	40215	16.190	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	91485	17.178	ug/l	97
20) Methylene Chloride	2.794	84	30434	16.013	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	27880	17.058	ug/l	93
22) Diisopropyl ether	3.769	45	91422	16.277	ug/l	92
23) Vinyl Acetate	3.727	43	379091	83.436	ug/l	94
24) 1,1-Dichloroethane	3.611	63	52714	16.864	ug/l	97
25) 2-Butanone	4.568	43	123884	82.200	ug/l	93
26) 2,2-Dichloropropane	4.476	77	46840	18.258	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	31887	16.396	ug/l	94
28) Bromochloromethane	4.903	49	25604	18.015	ug/l	97
29) Tetrahydrofuran	5.019	42	74261	76.072	ug/l	91
30) Chloroform	5.098	83	56166	16.970	ug/l	99
31) Cyclohexane	5.476	56	44727	15.644	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	50197	17.712	ug/l	96
36) 1,1-Dichloropropene	5.702	75	40261	17.730	ug/l	100
37) Ethyl Acetate	4.726	43	45464	16.288	ug/l	93
38) Carbon Tetrachloride	5.677	117	44888	18.957	ug/l	90
39) Methylcyclohexane	7.384	83	48891	17.683	ug/l	96
40) Benzene	6.043	78	114873	17.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24520	16.205	ug/l	90
42) 1,2-Dichloroethane	6.092	62	49354	18.702	ug/l	93
43) Isopropyl Acetate	6.348	43	74525	17.069	ug/l #	92
44) Trichloroethene	7.128	130	32794	17.680	ug/l	99
45) 1,2-Dichloropropane	7.439	63	30246	16.964	ug/l	100
46) Dibromomethane	7.586	93	21861	17.619	ug/l	99
47) Bromodichloromethane	7.823	83	41462	18.472	ug/l	99
48) Methyl methacrylate	7.695	41	36688	17.226	ug/l	84
49) 1,4-Dioxane	7.665	88	14938	331.856	ug/l #	95
51) 4-Methyl-2-Pentanone	8.579	43	242416	85.894	ug/l	90
52) Toluene	8.720	92	76237	17.522	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	45008	16.997	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	48359	17.780	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	32197	17.975	ug/l	96
56) Ethyl methacrylate	9.122	69	48280	16.294	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	52437	17.650	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	128226	88.899	ug/l	98
59) 2-Hexanone	9.433	43	196494	90.575	ug/l	86
60) Dibromochloromethane	9.524	129	31697	17.169	ug/l	98
61) 1,2-Dibromoethane	9.616	107	33096	17.490	ug/l	98
64) Tetrachloroethene	9.274	164	32869	17.733	ug/l	93
65) Chlorobenzene	10.079	112	85099	17.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	32155	18.656	ug/l	98
67) Ethyl Benzene	10.195	91	151217	17.882	ug/l	100
68) m/p-Xylenes	10.305	106	115835	35.962	ug/l	99
69) o-Xylene	10.646	106	56048	17.707	ug/l	99
70) Styrene	10.658	104	93245	18.082	ug/l	98
71) Bromoform	10.805	173	23322	17.940	ug/l #	98
73) Isopropylbenzene	10.963	105	152218	17.396	ug/l	100
74) N-amyl acetate	10.847	43	65407	16.541	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	49593	17.294	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	46289m	17.298	ug/l	
77) Bromobenzene	11.201	156	38279	17.762	ug/l	95
78) n-propylbenzene	11.305	91	174257	17.412	ug/l	99
79) 2-Chlorotoluene	11.365	91	106819	17.659	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	129555	18.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14338	15.760	ug/l #	82
82) 4-Chlorotoluene	11.457	91	120836	17.599	ug/l	99
83) tert-Butylbenzene	11.719	119	124235	17.789	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	128719	17.953	ug/l	99
85) sec-Butylbenzene	11.896	105	159867	18.081	ug/l	100
86) p-Isopropyltoluene	12.012	119	134481	18.480	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	68954	17.685	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	69522	17.877	ug/l	98
89) n-Butylbenzene	12.335	91	117992	18.160	ug/l	95
90) Hexachloroethane	12.542	117	21022	17.553	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	67619	17.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	10330	16.861	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	39966	17.580	ug/l	99
94) Hexachlorobutadiene	13.725	225	19886	19.625	ug/l	99
95) Naphthalene	13.780	128	125127	15.812	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40345	17.819	ug/l	99

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

