

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024141.D
 Acq On : 09 Sep 2021 15:06
 Operator : JC/MD
 Sample : VX0909MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:45:43 PM

Quant Time: Sep 10 07:28:51 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	181349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130897	51.716	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.440%			
35) Dibromofluoromethane	5.391	113	100270	53.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.653	98	347607	48.991	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.085	95	141857	54.310	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	42007	21.955	ug/l	100
3) Chloromethane	1.294	50	38064	18.122	ug/l	99
4) Vinyl Chloride	1.374	62	38141	18.619	ug/l	100
5) Bromomethane	1.599	94	28942	22.471	ug/l	96
6) Chloroethane	1.685	64	25315	16.920	ug/l	94
7) Trichlorofluoromethane	1.886	101	68487	21.171	ug/l	97
8) Diethyl Ether	2.136	74	22551	19.962	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	39156	21.510	ug/l	95
10) Methyl Iodide	2.453	142	47060	18.567	ug/l	90
11) Tert butyl alcohol	2.971	59	55743	108.903	ug/l	97
12) 1,1-Dichloroethene	2.319	96	36123	20.755	ug/l	91
13) Acrolein	2.239	56	21106	69.291	ug/l	93
14) Allyl chloride	2.666	41	62135	19.372	ug/l	89
15) Acrylonitrile	3.068	53	107571	94.321	ug/l	98
16) Acetone	2.386	43	125855	111.208	ug/l	90
17) Carbon Disulfide	2.514	76	83970	20.229	ug/l	99
18) Methyl Acetate	2.709	43	70544	24.970	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	129647	21.403	ug/l	98
20) Methylene Chloride	2.794	84	41749	19.313	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	39503	21.250	ug/l	99
22) Diisopropyl ether	3.770	45	130377	20.409	ug/l	98
23) Vinyl Acetate	3.727	43	546547	105.763	ug/l	94
24) 1,1-Dichloroethane	3.611	63	72450	20.378	ug/l	97
25) 2-Butanone	4.562	43	168148	98.095	ug/l	94
26) 2,2-Dichloropropane	4.477	77	66495	22.788	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	46250	20.908	ug/l	95
28) Bromochloromethane	4.904	49	27276	16.873	ug/l	98
29) Tetrahydrofuran	5.013	42	102197	92.045	ug/l	90
30) Chloroform	5.099	83	79995	21.250	ug/l	99
31) Cyclohexane	5.477	56	63508	19.530	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	71476	22.174	ug/l	98
36) 1,1-Dichloropropene	5.702	75	55838	21.407	ug/l	99
37) Ethyl Acetate	4.727	43	60916	18.999	ug/l	94
38) Carbon Tetrachloride	5.684	117	62756	23.073	ug/l	99
39) Methylcyclohexane	7.385	83	70833	22.303	ug/l	96
40) Benzene	6.044	78	162193	21.029	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34098	19.618	ug/l	91
42) 1,2-Dichloroethane	6.092	62	69638	22.973	ug/l	93
43) Isopropyl Acetate	6.348	43	101137	20.166	ug/l #	92
44) Trichloroethene	7.129	130	45813	21.502	ug/l	92
45) 1,2-Dichloropropane	7.434	63	43471	21.225	ug/l	96
46) Dibromomethane	7.586	93	31192	21.885	ug/l	97
47) Bromodichloromethane	7.824	83	59083	22.915	ug/l	100
48) Methyl methacrylate	7.696	41	61175	25.005	ug/l	86
49) 1,4-Dioxane	7.665	88	19152	370.401	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	326044	100.573	ug/l	90
52) Toluene	8.720	92	108251	21.660	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	64700	20.734	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	68509	21.928	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	44518	21.636	ug/l	98
56) Ethyl methacrylate	9.116	69	51856	15.285	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	73658	21.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	153759	92.802	ug/l	99
59) 2-Hexanone	9.433	43	259804	104.257	ug/l	87
60) Dibromochloromethane	9.525	129	44607	20.655	ug/l	98
61) 1,2-Dibromoethane	9.610	107	47516	21.860	ug/l	99
64) Tetrachloroethene	9.275	164	46010	22.386	ug/l #	87
65) Chlorobenzene	10.079	112	119279	22.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43578	22.802	ug/l	97
67) Ethyl Benzene	10.195	91	211399	22.545	ug/l	98
68) m/p-Xylenes	10.305	106	161914	45.334	ug/l	98
69) o-Xylene	10.646	106	77540	22.092	ug/l	99
70) Styrene	10.659	104	116312	20.342	ug/l	96
71) Bromoform	10.799	173	31022	21.135	ug/l #	100
73) Isopropylbenzene	10.963	105	213208	20.932	ug/l	99
74) N-amyl acetate	10.848	43	86987	18.898	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	69534	20.830	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	64126m	20.586	ug/l	
77) Bromobenzene	11.201	156	53602	21.366	ug/l	96
78) n-propylbenzene	11.305	91	240214	20.619	ug/l	99
79) 2-Chlorotoluene	11.366	91	144682	20.547	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	183025	21.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20016	18.901	ug/l #	85
82) 4-Chlorotoluene	11.457	91	172470	21.579	ug/l	100
83) tert-Butylbenzene	11.719	119	174237	21.433	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	184826	22.146	ug/l	98
85) sec-Butylbenzene	11.896	105	207131	20.125	ug/l	99
86) p-Isopropyltoluene	12.012	119	190181	22.451	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	95147	20.963	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	97402	21.517	ug/l	98
89) n-Butylbenzene	12.335	91	167647	22.165	ug/l	97
90) Hexachloroethane	12.542	117	28971	20.511	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	93703	21.310	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14389	19.751	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	58181	21.985	ug/l	98
94) Hexachlorobutadiene	13.725	225	29499	25.009	ug/l	100
95) Naphthalene	13.780	128	182037	19.441	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58420	22.165	ug/l	99

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

