

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024282.D
 Acq On : 16 Sep 2021 12:50
 Operator : JC/MD
 Sample : VX0916MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:32:11 PM

Quant Time: Sep 17 04:39:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	142995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120553	59.122	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.240%#			
35) Dibromofluoromethane	5.397	113	86556	52.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	8.653	98	303614	50.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.085	95	101192	43.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	24895	18.111	ug/l	96
3) Chloromethane	1.294	50	30946	21.559	ug/l	99
4) Vinyl Chloride	1.374	62	28015	19.611	ug/l	100
5) Bromomethane	1.599	94	21235	24.969	ug/l	92
6) Chloroethane	1.685	64	17723	17.227	ug/l	99
7) Trichlorofluoromethane	1.886	101	41346	17.254	ug/l	96
8) Diethyl Ether	2.142	74	17773	21.434	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	27614	19.615	ug/l	99
10) Methyl Iodide	2.453	142	40999	21.051	ug/l	92
11) Tert butyl alcohol	2.977	59	53434	112.560	ug/l	99
12) 1,1-Dichloroethene	2.319	96	26083	19.783	ug/l	90
13) Acrolein	2.239	56	12998	96.718	ug/l	95
14) Allyl chloride	2.666	41	53905	22.497	ug/l	90
15) Acrylonitrile	3.075	53	106236	127.380	ug/l	97
16) Acetone	2.392	43	113613	130.673	ug/l	89
17) Carbon Disulfide	2.514	76	59835	18.109	ug/l	99
18) Methyl Acetate	2.709	43	69163	25.373	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	121717	25.120	ug/l	99
20) Methylene Chloride	2.794	84	37028	22.178	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	30564	21.175	ug/l	98
22) Diisopropyl ether	3.770	45	117545	24.977	ug/l	93
23) Vinyl Acetate	3.733	43	490732	128.423	ug/l	95
24) 1,1-Dichloroethane	3.617	63	62537	22.646	ug/l	97
25) 2-Butanone	4.568	43	162947	127.244	ug/l	93
26) 2,2-Dichloropropane	4.483	77	51594	21.331	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	38659	23.191	ug/l	94
28) Bromochloromethane	4.910	49	27336	24.294	ug/l	96
29) Tetrahydrofuran	5.019	42	102273	127.597	ug/l	89
30) Chloroform	5.105	83	69779	23.761	ug/l	98
31) Cyclohexane	5.477	56	44723	18.751	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	54655	20.795	ug/l	98
36) 1,1-Dichloropropene	5.702	75	42517	18.861	ug/l	99
37) Ethyl Acetate	4.721	43	62260	23.702	ug/l	94
38) Carbon Tetrachloride	5.690	117	47469	18.709	ug/l	96
39) Methylcyclohexane	7.385	83	46002	17.092	ug/l	95
40) Benzene	6.044	78	136479	21.109	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33609	23.993	ug/l	90
42) 1,2-Dichloroethane	6.098	62	62327	23.117	ug/l	93
43) Isopropyl Acetate	6.348	43	96688	23.124	ug/l	93
44) Trichloroethene	7.135	130	35944	19.786	ug/l	96
45) 1,2-Dichloropropane	7.440	63	37242	21.824	ug/l	98
46) Dibromomethane	7.586	93	28736	23.005	ug/l	97
47) Bromodichloromethane	7.824	83	50193	21.610	ug/l	99
48) Methyl methacrylate	7.696	41	47496	22.766	ug/l	88
49) 1,4-Dioxane	7.665	88	20133	460.876	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	322931	121.199	ug/l	90
52) Toluene	8.720	92	89468	21.113	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	50966	19.349	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	61241	22.467	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	35103	19.451	ug/l	98
56) Ethyl methacrylate	9.122	69	52370	18.272	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	56937	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	143121	109.584	ug/l	99
59) 2-Hexanone	9.433	43	226319	109.009	ug/l	86
60) Dibromochloromethane	9.525	129	35858	18.641	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37418	19.458	ug/l	100
64) Tetrachloroethene	9.281	164	31904	20.338	ug/l	95
65) Chlorobenzene	10.086	112	86682	20.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33885	21.946	ug/l	98
67) Ethyl Benzene	10.195	91	144887	19.881	ug/l	97
68) m/p-Xylenes	10.305	106	112744	40.409	ug/l	100
69) o-Xylene	10.646	106	57309	20.577	ug/l	100
70) Styrene	10.659	104	95939	21.234	ug/l	97
71) Bromoform	10.805	173	24734	19.891	ug/l #	99
73) Isopropylbenzene	10.963	105	140366	18.017	ug/l	100
74) N-amyl acetate	10.848	43	70912	21.622	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	55414	21.986	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	51214m	21.290	ug/l	
77) Bromobenzene	11.201	156	39774	20.314	ug/l	94
78) n-propylbenzene	11.305	91	158044	17.958	ug/l	99
79) 2-Chlorotoluene	11.366	91	103848	18.996	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	122888	18.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16128	19.718	ug/l #	87
82) 4-Chlorotoluene	11.457	91	118472	19.047	ug/l	97
83) tert-Butylbenzene	11.719	119	116269	18.344	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	125726	19.463	ug/l	100
85) sec-Butylbenzene	11.896	105	143299	18.045	ug/l	99
86) p-Isopropyltoluene	12.012	119	123168	18.477	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	72877	20.780	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	74709	20.869	ug/l	98
89) n-Butylbenzene	12.335	91	106486	18.463	ug/l	98
90) Hexachloroethane	12.542	117	21682	20.189	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	76456	22.221	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13588	23.499	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	45671	22.525	ug/l	99
94) Hexachlorobutadiene	13.725	225	18370	18.143	ug/l	97
95) Naphthalene	13.780	128	157863	21.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45321	22.176	ug/l	98

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

