

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022715.D
 Acq On : 16 Jun 2021 11:57
 Operator : JC/MD
 Sample : VX0616MBS01
 Misc : 5.0g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 11:03:50 AM

Quant Time: Jun 17 02:21:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	79583	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	158855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74094	51.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.540%	
35) Dibromofluoromethane	5.397	113	52002	51.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	8.653	98	204750	51.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	11.085	95	76830	50.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	17981	19.254	ug/l	98
3) Chloromethane	1.294	50	20637	18.287	ug/l	100
4) Vinyl Chloride	1.374	62	20036	18.070	ug/l	98
5) Bromomethane	1.605	94	10984	18.210	ug/l	92
6) Chloroethane	1.685	64	12367	18.420	ug/l	95
7) Trichlorofluoromethane	1.886	101	30958	19.388	ug/l	98
8) Diethyl Ether	2.142	74	12877	19.962	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	19545	20.064	ug/l	90
10) Methyl Iodide	2.453	142	18628	17.055	ug/l	94
11) Tert butyl alcohol	2.977	59	32169	97.071	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18336	18.978	ug/l	92
13) Acrolein	2.239	56	10816	77.882	ug/l	93
14) Allyl chloride	2.666	41	37657	20.160	ug/l	# 95
15) Acrylonitrile	3.074	53	68136	104.685	ug/l	99
16) Acetone	2.386	43	63395	98.917	ug/l	98
17) Carbon Disulfide	2.514	76	39594	18.211	ug/l	100
18) Methyl Acetate	2.715	43	37686	19.535	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	68887	20.548	ug/l	95
20) Methylene Chloride	2.794	84	24824	19.892	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	20704	19.338	ug/l	98
22) Diisopropyl ether	3.769	45	75552	20.438	ug/l	91
23) Vinyl Acetate	3.733	43	355523	104.357	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	42809	19.956	ug/l	96
25) 2-Butanone	4.568	43	106120	102.097	ug/l	94
26) 2,2-Dichloropropane	4.489	77	33546	20.505	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	25594	19.620	ug/l	95
28) Bromochloromethane	4.910	49	22947	22.122	ug/l	# 80
29) Tetrahydrofuran	5.025	42	62376	103.068	ug/l	87
30) Chloroform	5.099	83	42898	20.062	ug/l	95
31) Cyclohexane	5.476	56	32724	18.952	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	34936	19.806	ug/l	96
36) 1,1-Dichloropropene	5.702	75	30914	19.531	ug/l	95
37) Ethyl Acetate	4.727	43	40322	20.043	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	27359	20.207	ug/l	93
39) Methylcyclohexane	7.385	83	33980	20.579	ug/l	97
40) Benzene	6.050	78	95569	20.295	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21937	20.348	ug/l	92
42) 1,2-Dichloroethane	6.098	62	36241	20.924	ug/l	98
43) Isopropyl Acetate	6.354	43	65022	20.466	ug/l	94
44) Trichloroethene	7.135	130	22105	19.997	ug/l	95
45) 1,2-Dichloropropane	7.440	63	25641	20.181	ug/l	95
46) Dibromomethane	7.586	93	16839	20.496	ug/l #	85
47) Bromodichloromethane	7.830	83	30425	19.996	ug/l	94
48) Methyl methacrylate	7.696	41	30728	20.147	ug/l	87
49) 1,4-Dioxane	7.665	88	11859	408.532	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	215142	106.682	ug/l	90
52) Toluene	8.720	92	59979	20.465	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	35485	20.045	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	39486	20.222	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	25298	21.096	ug/l	95
56) Ethyl methacrylate	9.122	69	40261	20.003	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	43441	20.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	105591	97.672	ug/l	95
59) 2-Hexanone	9.433	43	165521	107.425	ug/l	88
60) Dibromochloromethane	9.525	129	20090	19.144	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24724	20.657	ug/l	99
64) Tetrachloroethene	9.275	164	19531	21.212	ug/l #	91
65) Chlorobenzene	10.085	112	62208	20.500	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20790	20.057	ug/l	98
67) Ethyl Benzene	10.195	91	114860	20.561	ug/l	100
68) m/p-Xylenes	10.305	106	84273	41.649	ug/l	96
69) o-Xylene	10.646	106	40601	20.709	ug/l	94
70) Styrene	10.659	104	69385	20.060	ug/l	98
71) Bromoform	10.799	173	11907	19.704	ug/l #	99
73) Isopropylbenzene	10.963	105	110604	20.899	ug/l	99
74) N-amyl acetate	10.847	43	57576	20.229	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	40581	21.558	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	35754m	20.922	ug/l	
77) Bromobenzene	11.201	156	22860	20.220	ug/l	84
78) n-propylbenzene	11.305	91	134121	20.981	ug/l	97
79) 2-Chlorotoluene	11.366	91	77585	20.057	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	92446	20.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	11006	20.669	ug/l #	84
82) 4-Chlorotoluene	11.457	91	91708	20.718	ug/l	95
83) tert-Butylbenzene	11.719	119	87157	21.050	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	95404	21.335	ug/l	96
85) sec-Butylbenzene	11.896	105	113803	21.043	ug/l	97
86) p-Isopropyltoluene	12.012	119	93874	21.026	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	43885	20.451	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	45711	20.693	ug/l	97
89) n-Butylbenzene	12.335	91	91164	21.328	ug/l	96
90) Hexachloroethane	12.542	117	13449	20.466	ug/l	68
91) 1,2-Dichlorobenzene	12.335	146	43134	20.628	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7929	20.390	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	25396	20.245	ug/l	98
94) Hexachlorobutadiene	13.725	225	9623	21.391	ug/l	98
95) Naphthalene	13.780	128	103934	19.888	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26173	21.402	ug/l	96

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

