

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023487.D
 Acq On : 28 Jul 2021 12:13
 Operator : JC/MD
 Sample : VX0728MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 9:26:47 AM

Quant Time: Jul 28 13:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130231	51.533	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.060%	
35) Dibromofluoromethane	5.391	113	103089	50.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	8.653	98	383219	51.491	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	11.085	95	134135	53.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	35983	19.306	ug/l	96
3) Chloromethane	1.295	50	39667	18.270	ug/l	99
4) Vinyl Chloride	1.374	62	40823	18.574	ug/l	97
5) Bromomethane	1.599	94	29485	22.597	ug/l	100
6) Chloroethane	1.685	64	27499	20.387	ug/l	99
7) Trichlorofluoromethane	1.886	101	67196	18.977	ug/l	100
8) Diethyl Ether	2.136	74	25275	19.339	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	39633	19.757	ug/l	96
10) Methyl Iodide	2.453	142	48412	19.262	ug/l	98
11) Tert butyl alcohol	2.977	59	57407	99.440	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37116	18.646	ug/l	94
13) Acrolein	2.239	56	28771	98.863	ug/l	95
14) Allyl chloride	2.666	41	66219	18.297	ug/l	94
15) Acrylonitrile	3.069	53	130826	100.355	ug/l	98
16) Acetone	2.386	43	118011	95.196	ug/l	94
17) Carbon Disulfide	2.514	76	79326	16.161	ug/l	100
18) Methyl Acetate	2.709	43	60014	20.365	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	136524	19.725	ug/l	99
20) Methylene Chloride	2.794	84	45186	18.739	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	39725	18.786	ug/l	98
22) Diisopropyl ether	3.770	45	139371	19.509	ug/l	96
23) Vinyl Acetate	3.727	43	624048	98.953	ug/l	95
24) 1,1-Dichloroethane	3.611	63	74660	19.014	ug/l	97
25) 2-Butanone	4.568	43	190028	98.739	ug/l	95
26) 2,2-Dichloropropane	4.483	77	58688	18.274	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	47554	19.364	ug/l	99
28) Bromochloromethane	4.904	49	35458	19.349	ug/l	94
29) Tetrahydrofuran	5.019	42	124569	98.747	ug/l	89
30) Chloroform	5.099	83	77643	19.319	ug/l	98
31) Cyclohexane	5.471	56	67039	17.908	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	66242	19.286	ug/l	98
36) 1,1-Dichloropropene	5.696	75	55549	18.953	ug/l	99
37) Ethyl Acetate	4.721	43	71353	19.309	ug/l	95
38) Carbon Tetrachloride	5.678	117	55637	18.667	ug/l	99
39) Methylcyclohexane	7.385	83	70228	18.974	ug/l	99
40) Benzene	6.044	78	167300	19.253	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38271	19.615	ug/l	94
42) 1,2-Dichloroethane	6.092	62	65101	20.262	ug/l	97
43) Isopropyl Acetate	6.348	43	111757	19.517	ug/l	93
44) Trichloroethene	7.129	130	46429	19.449	ug/l	93
45) 1,2-Dichloropropane	7.434	63	44435	19.324	ug/l	99
46) Dibromomethane	7.586	93	30877	19.797	ug/l	100
47) Bromodichloromethane	7.824	83	55061	19.594	ug/l	99
48) Methyl methacrylate	7.696	41	54361	20.499	ug/l	87
49) 1,4-Dioxane	7.659	88	22861	404.837	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	372582	106.381	ug/l	90
52) Toluene	8.720	92	106841	19.846	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	62578	18.737	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67397	19.240	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	45871	21.042	ug/l	98
56) Ethyl methacrylate	9.116	69	70455	20.162	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	75653	20.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	181186	97.876	ug/l	96
59) 2-Hexanone	9.433	43	288987	108.658	ug/l	87
60) Dibromochloromethane	9.525	129	43232	19.166	ug/l	98
61) 1,2-Dibromoethane	9.610	107	49051	21.089	ug/l	98
64) Tetrachloroethene	9.275	164	45275	19.460	ug/l	95
65) Chlorobenzene	10.079	112	118123	19.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42062	18.913	ug/l	98
67) Ethyl Benzene	10.195	91	203096	19.572	ug/l	99
68) m/p-Xylenes	10.305	106	156481	39.210	ug/l	97
69) o-Xylene	10.646	106	76436	19.318	ug/l	99
70) Styrene	10.659	104	124923	19.927	ug/l	100
71) Bromoform	10.805	173	27887	17.906	ug/l #	98
73) Isopropylbenzene	10.963	105	200208	19.451	ug/l	99
74) N-amyl acetate	10.848	43	93033	19.812	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	67944	20.264	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	64508m	21.491	ug/l	
77) Bromobenzene	11.201	156	49954	20.119	ug/l	95
78) n-propylbenzene	11.305	91	227965	19.569	ug/l	99
79) 2-Chlorotoluene	11.366	91	136807	19.654	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	167170	19.943	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18696	16.748	ug/l	87
82) 4-Chlorotoluene	11.457	91	154911	19.671	ug/l	99
83) tert-Butylbenzene	11.719	119	160530	19.524	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	167420	20.080	ug/l	99
85) sec-Butylbenzene	11.896	105	206729	19.391	ug/l	99
86) p-Isopropyltoluene	12.012	119	170594	19.815	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	87745	19.102	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88892	19.071	ug/l	99
89) n-Butylbenzene	12.335	91	148143	19.008	ug/l	98
90) Hexachloroethane	12.542	117	24763	17.349	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	86108	19.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12704	17.075	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	52368	18.740	ug/l	99
94) Hexachlorobutadiene	13.725	225	24219	19.312	ug/l	100
95) Naphthalene	13.780	128	180835	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54554	19.333	ug/l	98

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

