

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024722.D
 Acq On : 11 Oct 2021 19:12
 Operator : JC/MD
 Sample : VX1011MBSD02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:47 AM

Quant Time: Oct 12 06:53:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	140997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105733	53.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.420%	
35) Dibromofluoromethane	5.397	113	79915	55.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.240%	
50) Toluene-d8	8.653	98	287004	54.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.540%	
62) 4-Bromofluorobenzene	11.085	95	109808	52.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	34965	24.645	ug/l	97
3) Chloromethane	1.294	50	27569	20.615	ug/l	97
4) Vinyl Chloride	1.374	62	30263	21.633	ug/l	99
5) Bromomethane	1.599	94	20655	21.938	ug/l	97
6) Chloroethane	1.684	64	18777	20.307	ug/l	99
7) Trichlorofluoromethane	1.886	101	50985	20.653	ug/l	100
8) Diethyl Ether	2.136	74	16672	19.841	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	29094	20.900	ug/l	93
10) Methyl Iodide	2.453	142	33868	17.388	ug/l	92
11) Tert butyl alcohol	2.971	59	39071	75.927	ug/l	97
12) 1,1-Dichloroethene	2.319	96	26930	20.836	ug/l	91
13) Acrolein	2.239	56	11157	109.690	ug/l	98
14) Allyl chloride	2.666	41	48040	20.330	ug/l	89
15) Acrylonitrile	3.068	53	86529	95.848	ug/l	98
16) Acetone	2.386	43	108148	123.871	ug/l	89
17) Carbon Disulfide	2.514	76	63921	19.326	ug/l	100
18) Methyl Acetate	2.709	43	60679	20.392	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	97407	19.997	ug/l	97
20) Methylene Chloride	2.794	84	32678	21.322	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	30226	20.594	ug/l	91
22) Diisopropyl ether	3.769	45	98578	20.419	ug/l	97
23) Vinyl Acetate	3.727	43	399054	102.074	ug/l	94
24) 1,1-Dichloroethane	3.617	63	55302	20.631	ug/l	99
25) 2-Butanone	4.568	43	151694	110.844	ug/l	94
26) 2,2-Dichloropropane	4.483	77	49410	20.491	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	35858	20.903	ug/l	97
28) Bromochloromethane	4.903	49	20543	16.882	ug/l	95
29) Tetrahydrofuran	5.013	42	83784	96.081	ug/l	90
30) Chloroform	5.105	83	61160	20.659	ug/l	98
31) Cyclohexane	5.476	56	47579	19.995	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	54804	20.852	ug/l	98
36) 1,1-Dichloropropene	5.702	75	41920	20.218	ug/l	99
37) Ethyl Acetate	4.727	43	49717	19.206	ug/l	94
38) Carbon Tetrachloride	5.684	117	47520	21.055	ug/l	98
39) Methylcyclohexane	7.385	83	49171	20.254	ug/l	93
40) Benzene	6.043	78	124293	20.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27843	20.828	ug/l	90
42) 1,2-Dichloroethane	6.098	62	52375	21.035	ug/l	94
43) Isopropyl Acetate	6.348	43	79520	20.206	ug/l	93
44) Trichloroethene	7.129	130	35305	21.643	ug/l	95
45) 1,2-Dichloropropane	7.440	63	32389	21.175	ug/l	98
46) Dibromomethane	7.586	93	23289	20.305	ug/l	98
47) Bromodichloromethane	7.830	83	44417	21.130	ug/l	95
48) Methyl methacrylate	7.696	41	43455	22.300	ug/l	86
49) 1,4-Dioxane	7.665	88	16508	369.854	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	292505	112.585	ug/l	91
52) Toluene	8.726	92	81418	21.259	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	48508	20.360	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	51434	21.231	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	34705	21.916	ug/l	97
56) Ethyl methacrylate	9.122	69	46156	18.313	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	55518	20.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	118418	95.182	ug/l	98
59) 2-Hexanone	9.433	43	230886	112.846	ug/l	87
60) Dibromochloromethane	9.525	129	33758	19.528	ug/l	99
61) 1,2-Dibromoethane	9.616	107	36627	21.068	ug/l	100
64) Tetrachloroethene	9.275	164	33756	24.284	ug/l	92
65) Chlorobenzene	10.079	112	89658	21.429	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	33832	21.696	ug/l	99
67) Ethyl Benzene	10.195	91	158096	21.346	ug/l	98
68) m/p-Xylenes	10.305	106	120336	42.370	ug/l	98
69) o-Xylene	10.646	106	57345	20.418	ug/l	98
70) Styrene	10.658	104	93542	19.919	ug/l	98
71) Bromoform	10.805	173	23340	18.697	ug/l #	97
73) Isopropylbenzene	10.963	105	158970	21.972	ug/l	100
74) N-amyl acetate	10.847	43	65890	19.799	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	52995	20.712	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	49323m	21.222	ug/l	
77) Bromobenzene	11.201	156	39752	21.352	ug/l	95
78) n-propylbenzene	11.305	91	178020	21.048	ug/l	99
79) 2-Chlorotoluene	11.366	91	107855	20.934	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	137860	22.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	15342	19.425	ug/l #	83
82) 4-Chlorotoluene	11.457	91	128719	21.234	ug/l	98
83) tert-Butylbenzene	11.719	119	132355	21.360	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	139392	22.682	ug/l	99
85) sec-Butylbenzene	11.896	105	153512	20.137	ug/l	100
86) p-Isopropyltoluene	12.012	119	144630	22.249	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71290	20.107	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73058	19.948	ug/l	97
89) n-Butylbenzene	12.335	91	121334	21.080	ug/l	98
90) Hexachloroethane	12.542	117	21646	20.250	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	72201	20.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12201	19.749	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	46312	20.753	ug/l	99
94) Hexachlorobutadiene	13.725	225	21370	20.934	ug/l	98
95) Naphthalene	13.780	128	150154	21.022	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45774	20.017	ug/l	99

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

