

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024676.D
 Acq On : 08 Oct 2021 17:33
 Operator : JC/MD
 Sample : VX1008MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:42:59 PM

Quant Time: Oct 11 05:39:43 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	149323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	216549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92928	44.156	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.397	113	70753	45.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.653	98	252672	44.085	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.160%#
62) 4-Bromofluorobenzene	11.085	95	97806	43.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28195	18.765	ug/l	97
3) Chloromethane	1.294	50	22576	15.940	ug/l	99
4) Vinyl Chloride	1.374	62	24432	16.491	ug/l	99
5) Bromomethane	1.599	94	17849	17.900	ug/l	100
6) Chloroethane	1.685	64	15159	15.542	ug/l	96
7) Trichlorofluoromethane	1.886	101	41937	16.041	ug/l	95
8) Diethyl Ether	2.136	74	13613	15.297	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	23251	15.771	ug/l	94
10) Methyl Iodide	2.453	142	24625	11.938	ug/l	91
11) Tert butyl alcohol	2.977	59	32445	56.726	ug/l	96
12) 1,1-Dichloroethene	2.319	96	21773	15.906	ug/l	88
13) Acrolein	2.239	56	16782	151.566	ug/l	98
14) Allyl chloride	2.666	41	38588	15.420	ug/l	89
15) Acrylonitrile	3.068	53	70498	73.736	ug/l	98
16) Acetone	2.386	43	77343	80.216	ug/l	93
17) Carbon Disulfide	2.514	76	52271	14.974	ug/l	97
18) Methyl Acetate	2.709	43	48090	15.260	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	79002	15.314	ug/l	99
20) Methylene Chloride	2.794	84	26745	16.211	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	24052	15.474	ug/l	95
22) Diisopropyl ether	3.769	45	77336	15.125	ug/l	94
23) Vinyl Acetate	3.733	43	321842	77.734	ug/l	95
24) 1,1-Dichloroethane	3.617	63	43832	15.440	ug/l	97
25) 2-Butanone	4.568	43	117360	80.974	ug/l	93
26) 2,2-Dichloropropane	4.483	77	36929	14.461	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	27775	15.289	ug/l	96
28) Bromochloromethane	4.903	49	21376	16.587	ug/l	99
29) Tetrahydrofuran	5.019	42	65755	71.201	ug/l	92
30) Chloroform	5.105	83	47211	15.058	ug/l	99
31) Cyclohexane	5.476	56	37463	14.866	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	43305	15.558	ug/l	97
36) 1,1-Dichloropropene	5.702	75	34112	15.180	ug/l	99
37) Ethyl Acetate	4.727	43	40012	14.261	ug/l	95
38) Carbon Tetrachloride	5.690	117	38479	15.730	ug/l	91
39) Methylcyclohexane	7.385	83	40018	15.209	ug/l	96
40) Benzene	6.050	78	100399	15.624	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20373	14.061	ug/l	93
42) 1,2-Dichloroethane	6.098	62	42813	15.865	ug/l	96
43) Isopropyl Acetate	6.348	43	62799	14.723	ug/l	94
44) Trichloroethene	7.135	130	28256	15.982	ug/l	97
45) 1,2-Dichloropropane	7.440	63	25676	15.488	ug/l	95
46) Dibromomethane	7.592	93	18767	15.097	ug/l	98
47) Bromodichloromethane	7.830	83	34879	15.309	ug/l	96
48) Methyl methacrylate	7.702	41	34313	16.246	ug/l	86
49) 1,4-Dioxane	7.671	88	13024	269.226	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	236600	84.023	ug/l	90
52) Toluene	8.720	92	65495	15.779	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	37573	14.550	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	40606	15.465	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	27189	15.841	ug/l	97
56) Ethyl methacrylate	9.122	69	36158	13.236	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	43975	15.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	113220	83.964	ug/l	98
59) 2-Hexanone	9.433	43	184560	83.226	ug/l	87
60) Dibromochloromethane	9.525	129	26096	14.269	ug/l	98
61) 1,2-Dibromoethane	9.610	107	28830	15.301	ug/l	97
64) Tetrachloroethene	9.281	164	26971	17.996	ug/l	98
65) Chlorobenzene	10.085	112	72592	16.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26102	15.525	ug/l	97
67) Ethyl Benzene	10.195	91	127273	15.938	ug/l	99
68) m/p-Xylenes	10.305	106	96068	31.372	ug/l	98
69) o-Xylene	10.646	106	46367	15.312	ug/l	99
70) Styrene	10.659	104	74535	14.720	ug/l	98
71) Bromoform	10.805	173	18085	14.089	ug/l #	99
73) Isopropylbenzene	10.963	105	125606	16.281	ug/l	100
74) N-amyl acetate	10.847	43	52132	14.691	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	42604	15.616	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	38347m	15.474	ug/l	
77) Bromobenzene	11.201	156	31468	15.852	ug/l	96
78) n-propylbenzene	11.305	91	140487	15.578	ug/l	98
79) 2-Chlorotoluene	11.366	91	87374	15.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	107926	16.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	11535	14.268	ug/l #	82
82) 4-Chlorotoluene	11.457	91	102399	15.842	ug/l	100
83) tert-Butylbenzene	11.719	119	102662	15.538	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	110758	16.902	ug/l	99
85) sec-Butylbenzene	11.896	105	123509	15.194	ug/l	99
86) p-Isopropyltoluene	12.012	119	110715	15.973	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	56894	15.049	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57437	14.707	ug/l	99
89) n-Butylbenzene	12.335	91	94115	15.334	ug/l	97
90) Hexachloroethane	12.542	117	15891	13.942	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	56352	15.078	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9817	14.902	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	35033	14.722	ug/l	99
94) Hexachlorobutadiene	13.725	225	14992	13.773	ug/l	97
95) Naphthalene	13.780	128	119631	15.707	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36033	14.777	ug/l	99

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

