

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024764.D
 Acq On : 12 Oct 2021 15:38
 Operator : JC/MD
 Sample : VX1012MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012MBS01

Manual Integrations
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 10/15/2021 1:14:26 PM

Quant Time: Oct 12 16:48:09 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	5.556	168	138107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93816	48.199	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.397	113	69265	48.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.653	98	245742	46.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.740%
62) 4-Bromofluorobenzene	11.085	95	96283	46.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32076	23.082	ug/l	98
3) Chloromethane	1.294	50	22204	16.951	ug/l	98
4) Vinyl Chloride	1.374	62	24525	17.898	ug/l	100
5) Bromomethane	1.605	94	13246	14.363	ug/l	99
6) Chloroethane	1.685	64	15501	17.156	ug/l	97
7) Trichlorofluoromethane	1.886	101	40803	16.874	ug/l	100
8) Diethyl Ether	2.142	74	12997	15.791	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	22610	16.582	ug/l	97
10) Methyl Iodide	2.453	142	14682	7.695	ug/l	91
11) Tert butyl alcohol	2.977	59	29340	55.174	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20884	16.496	ug/l	95
13) Acrolein	2.239	56	10413	104.992	ug/l	100
14) Allyl chloride	2.666	41	37010	15.990	ug/l	91
15) Acrylonitrile	3.068	53	67490	76.323	ug/l	98
16) Acetone	2.386	43	83046	94.826	ug/l	91
17) Carbon Disulfide	2.514	76	50451	15.617	ug/l	100
18) Methyl Acetate	2.709	43	46873	16.082	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	74417	15.597	ug/l	100
20) Methylene Chloride	2.794	84	25448	16.712	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	22884	15.918	ug/l	96
22) Diisopropyl ether	3.770	45	74750	15.807	ug/l	98
23) Vinyl Acetate	3.727	43	304266	79.457	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	41988	15.992	ug/l	98
25) 2-Butanone	4.568	43	117345	87.539	ug/l	91
26) 2,2-Dichloropropane	4.483	77	38094	16.129	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	26345	15.679	ug/l	95
28) Bromochloromethane	4.903	49	21125	17.723	ug/l	99
29) Tetrahydrofuran	5.019	42	65303	76.455	ug/l	89
30) Chloroform	5.099	83	45843	15.809	ug/l	98
31) Cyclohexane	5.477	56	36334	15.589	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	41785	16.231	ug/l	97
36) 1,1-Dichloropropene	5.702	75	32614	15.695	ug/l	99
37) Ethyl Acetate	4.727	43	38219	14.732	ug/l	94
38) Carbon Tetrachloride	5.684	117	35781	15.819	ug/l	97
39) Methylcyclohexane	7.385	83	38509	15.827	ug/l	97
40) Benzene	6.050	78	95691	16.104	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	20617	15.388	ug/l	92
42) 1,2-Dichloroethane	6.098	62	40645	16.288	ug/l	94
43) Isopropyl Acetate	6.348	43	59997	15.212	ug/l	93
44) Trichloroethene	7.129	130	26568	16.251	ug/l	100
45) 1,2-Dichloropropane	7.434	63	24674	16.096	ug/l	98
46) Dibromomethane	7.586	93	18286	15.908	ug/l	95
47) Bromodichloromethane	7.830	83	33357	15.834	ug/l	96
48) Methyl methacrylate	7.696	41	32357	16.568	ug/l	87
49) 1,4-Dioxane	7.665	88	12581	281.249	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	223963	86.013	ug/l	89
52) Toluene	8.720	92	61981	16.148	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	35886	15.029	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	38919	16.030	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	25878	16.305	ug/l	97
56) Ethyl methacrylate	9.122	69	34176	13.529	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	43025	16.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127735	102.444	ug/l	98
59) 2-Hexanone	9.433	43	176860	86.249	ug/l	87
60) Dibromochloromethane	9.525	129	25391	14.952	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27390	15.720	ug/l	100
64) Tetrachloroethene	9.275	164	24680	17.553	ug/l	91
65) Chlorobenzene	10.085	112	66975	15.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24474	15.517	ug/l	98
67) Ethyl Benzene	10.195	91	119117	15.900	ug/l	97
68) m/p-Xylenes	10.305	106	89147	31.032	ug/l	97
69) o-Xylene	10.646	106	43525	15.322	ug/l	99
70) Styrene	10.659	104	68499	14.421	ug/l	94
71) Bromoform	10.805	173	16876	14.027	ug/l #	99
73) Isopropylbenzene	10.963	105	117380	16.118	ug/l	99
74) N-amyl acetate	10.848	43	49090	14.655	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	39968	15.519	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	37547m	16.050	ug/l	
77) Bromobenzene	11.201	156	29904	15.958	ug/l	95
78) n-propylbenzene	11.305	91	131384	15.433	ug/l	99
79) 2-Chlorotoluene	11.366	91	81150	15.648	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	102018	16.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11482	14.939	ug/l	87
82) 4-Chlorotoluene	11.457	91	94864	15.547	ug/l	100
83) tert-Butylbenzene	11.719	119	94344	15.126	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	103421	16.719	ug/l	98
85) sec-Butylbenzene	11.896	105	114727	14.951	ug/l	99
86) p-Isopropyltoluene	12.012	119	103580	15.830	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53369	14.954	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	53051	14.390	ug/l	96
89) n-Butylbenzene	12.335	91	88190	15.222	ug/l	97
90) Hexachloroethane	12.542	117	15286	14.207	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	52827	14.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8876	14.273	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	33145	14.756	ug/l	99
94) Hexachlorobutadiene	13.731	225	15528	15.112	ug/l	98
95) Naphthalene	13.780	128	108608	15.106	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34106	14.817	ug/l	99

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

