

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024097.D
 Acq On : 03 Sep 2021 13:07
 Operator : JC/MD
 Sample : VX0903MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:38:00 PM

Quant Time: Sep 04 01:27:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	171583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110454	46.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.240%
35) Dibromofluoromethane	5.397	113	84105	47.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.653	98	296458	44.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.660%#
62) 4-Bromofluorobenzene	11.085	95	117268	47.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	28595	15.796	ug/l	100
3) Chloromethane	1.300	50	29735	14.963	ug/l	99
4) Vinyl Chloride	1.380	62	29615	15.280	ug/l	98
5) Bromomethane	1.599	94	22950	18.833	ug/l	98
6) Chloroethane	1.685	64	20168	14.512	ug/l	99
7) Trichlorofluoromethane	1.886	101	53435	17.458	ug/l	95
8) Diethyl Ether	2.142	74	17984	16.825	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	30293	17.589	ug/l	96
10) Methyl Iodide	2.459	142	36798	15.344	ug/l #	90
11) Tert butyl alcohol	2.977	59	48705	100.569	ug/l	97
12) 1,1-Dichloroethene	2.325	96	28621	17.381	ug/l	97
13) Acrolein	2.245	56	32414	112.472	ug/l	99
14) Allyl chloride	2.666	41	50737	16.719	ug/l	86
15) Acrylonitrile	3.075	53	91387	84.691	ug/l	99
16) Acetone	2.392	43	89934	83.991	ug/l	88
17) Carbon Disulfide	2.514	76	60167	15.320	ug/l	98
18) Methyl Acetate	2.715	43	44966	16.822	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	106822	18.639	ug/l	99
20) Methylene Chloride	2.794	84	34356	16.798	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	29902	17.001	ug/l	91
22) Diisopropyl ether	3.770	45	104870	17.351	ug/l	90
23) Vinyl Acetate	3.733	43	429477	87.839	ug/l	94
24) 1,1-Dichloroethane	3.617	63	59722	17.754	ug/l	98
25) 2-Butanone	4.568	43	135870	83.776	ug/l	95
26) 2,2-Dichloropropane	4.489	77	51926	18.808	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	37928	18.122	ug/l	98
28) Bromochloromethane	4.910	49	27871	18.223	ug/l	94
29) Tetrahydrofuran	5.019	42	85961	81.828	ug/l	90
30) Chloroform	5.105	83	65536	18.400	ug/l	99
31) Cyclohexane	5.483	56	50264	16.337	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	57815	18.957	ug/l	98
36) 1,1-Dichloropropene	5.708	75	44068	17.925	ug/l	100
37) Ethyl Acetate	4.733	43	52651	17.423	ug/l #	94
38) Carbon Tetrachloride	5.684	117	50080	19.535	ug/l	95
39) Methylcyclohexane	7.385	83	53446	17.855	ug/l	98
40) Benzene	6.050	78	131120	18.037	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28174	17.198	ug/l	91
42) 1,2-Dichloroethane	6.092	62	56368	19.729	ug/l	93
43) Isopropyl Acetate	6.348	43	84943	17.970	ug/l	92
44) Trichloroethene	7.135	130	36549	18.201	ug/l	98
45) 1,2-Dichloropropane	7.440	63	34952	18.107	ug/l	95
46) Dibromomethane	7.586	93	24786	18.451	ug/l	98
47) Bromodichloromethane	7.830	83	46302	19.053	ug/l	100
48) Methyl methacrylate	7.696	41	42078	18.248	ug/l	84
49) 1,4-Dioxane	7.665	88	17453	358.126	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	278157	91.034	ug/l	90
52) Toluene	8.726	92	84548	17.949	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	51348	17.796	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	54107	18.375	ug/l #	86
55) 1,1,2-Trichloroethane	9.159	97	36970	19.063	ug/l	95
56) Ethyl methacrylate	9.122	69	54828	17.054	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	59484	18.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	147131	94.217	ug/l	98
59) 2-Hexanone	9.433	43	218344	92.963	ug/l	86
60) Dibromochloromethane	9.525	129	35814	17.845	ug/l	99
61) 1,2-Dibromoethane	9.616	107	37942	18.520	ug/l	100
64) Tetrachloroethene	9.275	164	36158	17.994	ug/l	93
65) Chlorobenzene	10.079	112	95236	18.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36586	19.581	ug/l	97
67) Ethyl Benzene	10.195	91	166543	18.167	ug/l	99
68) m/p-Xylenes	10.305	106	128047	36.670	ug/l	97
69) o-Xylene	10.646	106	64149	18.695	ug/l	99
70) Styrene	10.659	104	103233	18.467	ug/l	95
71) Bromoform	10.805	173	26004	18.397	ug/l #	98
73) Isopropylbenzene	10.963	105	168846	17.929	ug/l	99
74) N-amyl acetate	10.848	43	74801	17.576	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	56343	18.255	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	52442m	18.208	ug/l	
77) Bromobenzene	11.201	156	42789	18.447	ug/l	94
78) n-propylbenzene	11.305	91	191324	17.762	ug/l	99
79) 2-Chlorotoluene	11.366	91	118002	18.125	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	142451	18.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	16129	16.473	ug/l #	86
82) 4-Chlorotoluene	11.457	91	134889	18.253	ug/l	100
83) tert-Butylbenzene	11.719	119	139303	18.533	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	142990	18.530	ug/l	99
85) sec-Butylbenzene	11.896	105	174345	18.321	ug/l	99
86) p-Isopropyltoluene	12.012	119	143000	18.258	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	75897	18.086	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	75261	17.982	ug/l	96
89) n-Butylbenzene	12.335	91	124885	17.858	ug/l	97
90) Hexachloroethane	12.542	117	22823	17.693	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	74751	18.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11684	17.609	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	43592	17.815	ug/l	99
94) Hexachlorobutadiene	13.725	225	21898	20.079	ug/l	98
95) Naphthalene	13.780	128	141317	16.529	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43928	18.026	ug/l	99

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

