

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029766.D
 Acq On : 24 Jun 2022 11:39
 Operator : JC/MD
 Sample : VX0624MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 01:57:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136944	45.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.260%		
35) Dibromofluoromethane	5.391	113	124147	49.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	8.653	98	452053	49.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	174617	50.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54564	19.874	ug/l	97
3) Chloromethane	1.294	50	47456	16.045	ug/l	99
4) Vinyl Chloride	1.374	62	49006	17.996	ug/l	95
5) Bromomethane	1.611	94	23259	16.741	ug/l	98
6) Chloroethane	1.685	64	29825	15.941	ug/l	99
7) Trichlorofluoromethane	1.886	101	74511	19.640	ug/l	99
8) Diethyl Ether	2.136	74	30995	20.737	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47776	20.083	ug/l	97
10) Methyl Iodide	2.453	142	44001	18.263	ug/l	98
11) Tert butyl alcohol	2.977	59	68729	99.523	ug/l	95
12) 1,1-Dichloroethene	2.319	96	45421	19.776	ug/l	98
13) Acrolein	2.239	56	11090	67.084	ug/l	98
14) Allyl chloride	2.666	41	69262	18.677	ug/l	94
15) Acrylonitrile	3.068	53	145700	103.798	ug/l	99
16) Acetone	2.386	43	117910	98.573	ug/l	99
17) Carbon Disulfide	2.514	76	110612	18.577	ug/l	99
18) Methyl Acetate	2.709	43	65290	20.644	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	164861	20.675	ug/l	95
20) Methylene Chloride	2.794	84	53937	20.245	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51433	20.488	ug/l	93
22) Diisopropyl ether	3.764	45	146141	19.921	ug/l #	89
23) Vinyl Acetate	3.727	43	618538	100.998	ug/l	99
24) 1,1-Dichloroethane	3.611	63	87525	19.839	ug/l	100
25) 2-Butanone	4.562	43	186598	98.690	ug/l	97
26) 2,2-Dichloropropane	4.477	77	40725	11.860	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	59614	20.327	ug/l	90
28) Bromochloromethane	4.897	49	31747	18.835	ug/l	95
29) Tetrahydrofuran	5.007	42	125644	99.712	ug/l	98
30) Chloroform	5.099	83	92574	19.828	ug/l	98
31) Cyclohexane	5.477	56	78156	19.399	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	78870	19.152	ug/l	98
36) 1,1-Dichloropropene	5.696	75	67175	19.721	ug/l	98
37) Ethyl Acetate	4.721	43	72041	20.633	ug/l	98
38) Carbon Tetrachloride	5.684	117	67623	20.188	ug/l	98
39) Methylcyclohexane	7.385	83	84077	19.797	ug/l	95
40) Benzene	6.044	78	207405	20.541	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38744	21.062	ug/l	97
42) 1,2-Dichloroethane	6.092	62	71488	20.596	ug/l	99
43) Isopropyl Acetate	6.342	43	112924	20.799	ug/l	99
44) Trichloroethene	7.123	130	58609	19.802	ug/l	99
45) 1,2-Dichloropropane	7.434	63	51484	20.790	ug/l	97
46) Dibromomethane	7.580	93	38550	21.659	ug/l	95
47) Bromodichloromethane	7.824	83	72381	21.104	ug/l	94
48) Methyl methacrylate	7.696	41	54332	20.410	ug/l	94
49) 1,4-Dioxane	7.684	88	26948	392.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	372411	106.418	ug/l	96
52) Toluene	8.720	92	133777	20.690	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	66896	19.302	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	75712	19.509	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56625	21.660	ug/l	100
56) Ethyl methacrylate	9.116	69	84394	21.369	ug/l	96
57) 1,3-Dichloropropane	9.311	76	91756	21.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176776	95.265	ug/l	97
59) 2-Hexanone	9.433	43	282502	106.606	ug/l	96
60) Dibromochloromethane	9.525	129	54292	21.391	ug/l	95
61) 1,2-Dibromoethane	9.610	107	58279	21.503	ug/l	98
64) Tetrachloroethene	9.275	164	52383	20.943	ug/l	96
65) Chlorobenzene	10.079	112	143523	21.152	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51357	21.076	ug/l	99
67) Ethyl Benzene	10.195	91	255275	20.910	ug/l	99
68) m/p-Xylenes	10.305	106	201894	42.406	ug/l	99
69) o-Xylene	10.640	106	98716	20.986	ug/l	98
70) Styrene	10.659	104	164388	21.344	ug/l	99
71) Bromoform	10.799	173	37836	21.899	ug/l #	100
73) Isopropylbenzene	10.963	105	259699	20.399	ug/l	98
74) N-amyl acetate	10.842	43	89229	20.181	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84570	20.547	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	76086m	20.570	ug/l	
77) Bromobenzene	11.201	156	59732	20.558	ug/l	98
78) n-propylbenzene	11.305	91	290740	20.277	ug/l	99
79) 2-Chlorotoluene	11.366	91	179541	20.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219087	20.435	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18141	16.316	ug/l	88
82) 4-Chlorotoluene	11.457	91	202356	19.987	ug/l	100
83) tert-Butylbenzene	11.719	119	212888	20.365	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	218686	20.451	ug/l	98
85) sec-Butylbenzene	11.890	105	265719	20.510	ug/l	100
86) p-Isopropyltoluene	12.012	119	224157	20.664	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113779	20.557	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	115236	20.853	ug/l	97
89) n-Butylbenzene	12.335	91	182835	19.970	ug/l	100
90) Hexachloroethane	12.542	117	30497	19.633	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114498	21.045	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18190	19.945	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	68963	20.786	ug/l	97
94) Hexachlorobutadiene	13.725	225	26584	19.571	ug/l	96
95) Naphthalene	13.780	128	262026	22.001	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71195	21.426	ug/l	94

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

