

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029344.D
 Acq On : 09 Jun 2022 14:48
 Operator : JC/MD
 Sample : VX0609MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 17:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146349	53.295	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.600%			
35) Dibromofluoromethane	5.385	113	124493	50.275	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.560%			
50) Toluene-d8	8.653	98	424203	48.437	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.880%			
62) 4-Bromofluorobenzene	11.079	95	172315	50.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55977	19.505	ug/l	98
3) Chloromethane	1.288	50	55413	18.091	ug/l	98
4) Vinyl Chloride	1.374	62	61232	19.262	ug/l	97
5) Bromomethane	1.612	94	32511	19.094	ug/l	98
6) Chloroethane	1.685	64	40176	27.587	ug/l	95
7) Trichlorofluoromethane	1.886	101	92577	19.984	ug/l	98
8) Diethyl Ether	2.136	74	37165	20.583	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	55575	19.904	ug/l	97
10) Methyl Iodide	2.453	142	61144	18.543	ug/l	96
11) Tert butyl alcohol	2.983	59	83136	85.580	ug/l	95
12) 1,1-Dichloroethene	2.319	96	52001	19.134	ug/l	97
13) Acrolein	2.233	56	25724	77.050	ug/l	99
14) Allyl chloride	2.666	41	82889	19.000	ug/l	96
15) Acrylonitrile	3.069	53	174443	101.418	ug/l	99
16) Acetone	2.386	43	145505	99.490	ug/l	96
17) Carbon Disulfide	2.514	76	121724	18.196	ug/l	100
18) Methyl Acetate	2.703	43	79370	20.484	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	188511	20.094	ug/l	98
20) Methylene Chloride	2.788	84	62275	19.067	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	58612	19.216	ug/l	94
22) Diisopropyl ether	3.757	45	182212	20.692	ug/l #	79
23) Vinyl Acetate	3.721	43	782606	107.200	ug/l	98
24) 1,1-Dichloroethane	3.611	63	104412	19.658	ug/l	100
25) 2-Butanone	4.562	43	238138	102.934	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77841	20.557	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69424	19.241	ug/l	96
28) Bromochloromethane	4.898	49	45750	21.911	ug/l	96
29) Tetrahydrofuran	5.007	42	156486	103.788	ug/l	93
30) Chloroform	5.093	83	113950	19.881	ug/l	100
31) Cyclohexane	5.465	56	93417	19.061	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	97324	19.709	ug/l	100
36) 1,1-Dichloropropene	5.696	75	81842	20.008	ug/l	99
37) Ethyl Acetate	4.715	43	87370	20.692	ug/l	98
38) Carbon Tetrachloride	5.678	117	83043	19.863	ug/l	96
39) Methylcyclohexane	7.379	83	99899	19.828	ug/l	93
40) Benzene	6.038	78	242214	19.890	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49183	20.675	ug/l	94
42) 1,2-Dichloroethane	6.086	62	89701	21.206	ug/l	99
43) Isopropyl Acetate	6.342	43	134512	21.205	ug/l	97
44) Trichloroethene	7.129	130	63862	19.262	ug/l	93
45) 1,2-Dichloropropane	7.434	63	60637	20.254	ug/l	98
46) Dibromomethane	7.580	93	46080	21.246	ug/l	92
47) Bromodichloromethane	7.824	83	84781	20.711	ug/l	99
48) Methyl methacrylate	7.696	41	67817	21.256	ug/l	91
49) 1,4-Dioxane	7.678	88	32817	399.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	464246	111.826	ug/l	96
52) Toluene	8.720	92	158845	20.320	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	84228	19.742	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93877	20.427	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	65138	20.600	ug/l	92
56) Ethyl methacrylate	9.116	69	98213	21.349	ug/l	91
57) 1,3-Dichloropropane	9.311	76	111391	20.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	242674	108.586	ug/l	98
59) 2-Hexanone	9.433	43	353261	111.918	ug/l	93
60) Dibromochloromethane	9.525	129	63168	20.649	ug/l	95
61) 1,2-Dibromoethane	9.610	107	69287	20.544	ug/l	98
64) Tetrachloroethene	9.275	164	60738	20.604	ug/l	95
65) Chlorobenzene	10.080	112	165776	19.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60187	20.180	ug/l	97
67) Ethyl Benzene	10.195	91	301461	20.019	ug/l	99
68) m/p-Xylenes	10.305	106	236982	40.675	ug/l	99
69) o-Xylene	10.640	106	115777	20.450	ug/l	97
70) Styrene	10.659	104	192494	20.372	ug/l	97
71) Bromoform	10.799	173	42602	20.112	ug/l #	100
73) Isopropylbenzene	10.964	105	304044	20.056	ug/l	98
74) N-amyl acetate	10.842	43	106204	20.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	102120	19.960	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93309m	20.746	ug/l	
77) Bromobenzene	11.201	156	69177	19.434	ug/l	93
78) n-propylbenzene	11.305	91	349710	20.329	ug/l	99
79) 2-Chlorotoluene	11.366	91	213504	20.154	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	260090	20.205	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24597	18.460	ug/l #	78
82) 4-Chlorotoluene	11.457	91	249932	20.439	ug/l	97
83) tert-Butylbenzene	11.719	119	246201	19.712	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	261809	20.606	ug/l	97
85) sec-Butylbenzene	11.890	105	312932	20.403	ug/l	99
86) p-Isopropyltoluene	12.012	119	265298	20.633	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132762	19.543	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	136691	19.784	ug/l	97
89) n-Butylbenzene	12.335	91	226847	20.926	ug/l	97
90) Hexachloroethane	12.543	117	38875	19.017	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	134323	19.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22250	20.909	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	80055	20.136	ug/l	97
94) Hexachlorobutadiene	13.725	225	31457	19.032	ug/l	98
95) Naphthalene	13.780	128	291517	20.775	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80015	20.183	ug/l	95

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

