

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035904.D
 Acq On : 30 May 2023 14:27
 Operator : JC/MD
 Sample : VX0530MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

Quant Time: May 30 16:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	206063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184325	50.336	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.680%			
35) Dibromofluoromethane	5.385	113	124851	49.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.647	98	458993	49.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.800%			
62) 4-Bromofluorobenzene	11.079	95	183970	50.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50853	18.557	ug/l	95
3) Chloromethane	1.294	50	51765	18.320	ug/l	98
4) Vinyl Chloride	1.374	62	49834	18.361	ug/l	98
5) Bromomethane	1.617	94	31154	19.154	ug/l	96
6) Chloroethane	1.691	64	29800	19.650	ug/l	97
7) Trichlorofluoromethane	1.886	101	77323	18.984	ug/l	100
8) Diethyl Ether	2.130	74	28398	18.986	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	45660	18.913	ug/l	99
10) Methyl Iodide	2.453	142	46002	18.784	ug/l	98
11) Tert butyl alcohol	3.007	59	55527	87.076	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	41694	18.426	ug/l	97
13) Acrolein	2.239	56	63918	101.078	ug/l	99
14) Allyl chloride	2.666	41	85424	19.109	ug/l	99
15) Acrylonitrile	3.068	53	138442	94.911	ug/l	99
16) Acetone	2.392	43	136710	92.474	ug/l	97
17) Carbon Disulfide	2.514	76	97304	18.566	ug/l	99
18) Methyl Acetate	2.703	43	109694	19.217	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	167818	19.236	ug/l	98
20) Methylene Chloride	2.788	84	51748	18.674	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	46526	18.652	ug/l	99
22) Diisopropyl ether	3.757	45	173359	19.312	ug/l	99
23) Vinyl Acetate	3.721	43	617574	98.762	ug/l	98
24) 1,1-Dichloroethane	3.611	63	91846	18.540	ug/l	98
25) 2-Butanone	4.562	43	204888	95.813	ug/l	99
26) 2,2-Dichloropropane	4.471	77	71661	18.759	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	55304	19.060	ug/l	99
28) Bromochloromethane	4.897	49	53313	22.209	ug/l	99
29) Tetrahydrofuran	5.013	42	131030	94.710	ug/l	99
30) Chloroform	5.092	83	97355	19.157	ug/l	96
31) Cyclohexane	5.470	56	81320	18.697	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	84303	19.198	ug/l	99
36) 1,1-Dichloropropene	5.690	75	68291	17.944	ug/l	98
37) Ethyl Acetate	4.715	43	79042	19.185	ug/l	99
38) Carbon Tetrachloride	5.678	117	68445	19.081	ug/l	96
39) Methylcyclohexane	7.379	83	79333	18.269	ug/l	98
40) Benzene	6.037	78	198938	18.662	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44296	18.887	ug/l	97
42) 1,2-Dichloroethane	6.086	62	86431	19.196	ug/l	99
43) Isopropyl Acetate	6.342	43	125454	19.003	ug/l	100
44) Trichloroethene	7.129	130	49729	18.728	ug/l	99
45) 1,2-Dichloropropane	7.427	63	52462	18.663	ug/l	98
46) Dibromomethane	7.580	93	37686	19.524	ug/l	97
47) Bromodichloromethane	7.824	83	70306	19.542	ug/l	99
48) Methyl methacrylate	7.690	41	63540	18.749	ug/l	98
49) 1,4-Dioxane	7.708	88	27212	376.265	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	400896	97.548	ug/l	99
52) Toluene	8.720	92	125841	18.797	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	72819	19.600	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	80591	19.873	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	52614	19.824	ug/l	97
56) Ethyl methacrylate	9.116	69	79299	18.976	ug/l	98
57) 1,3-Dichloropropane	9.305	76	92320	19.176	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	223055	100.882	ug/l	99
59) 2-Hexanone	9.427	43	305401	98.317	ug/l	98
60) Dibromochloromethane	9.519	129	48886	20.130	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52965	18.950	ug/l	98
64) Tetrachloroethene	9.275	164	41568	18.505	ug/l	97
65) Chlorobenzene	10.079	112	131293	18.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46829	19.320	ug/l	100
67) Ethyl Benzene	10.195	91	246190	18.782	ug/l	97
68) m/p-Xylenes	10.299	106	182751	37.684	ug/l	98
69) o-Xylene	10.640	106	91715	19.037	ug/l	99
70) Styrene	10.652	104	150909	19.067	ug/l	99
71) Bromoform	10.799	173	30760	19.628	ug/l #	100
73) Isopropylbenzene	10.963	105	240338	18.545	ug/l	100
74) N-amyl acetate	10.841	43	104272	18.499	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	79863	18.854	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77296m	19.384	ug/l	
77) Bromobenzene	11.195	156	54535	18.656	ug/l	98
78) n-propylbenzene	11.305	91	278267	18.423	ug/l	99
79) 2-Chlorotoluene	11.366	91	175138	18.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	206242	18.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19231	20.231	ug/l	91
82) 4-Chlorotoluene	11.451	91	200706	18.419	ug/l	100
83) tert-Butylbenzene	11.713	119	196096	18.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	206050	18.634	ug/l	99
85) sec-Butylbenzene	11.890	105	246845	18.635	ug/l	99
86) p-Isopropyltoluene	12.006	119	205775	18.578	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103990	18.638	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	104437	18.171	ug/l	99
89) n-Butylbenzene	12.335	91	179330	18.420	ug/l	99
90) Hexachloroethane	12.536	117	30100	18.785	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	104219	18.912	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18386	20.741	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	60876	18.787	ug/l	99
94) Hexachlorobutadiene	13.725	225	24804	19.091	ug/l	97
95) Naphthalene	13.774	128	220086	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60083	18.607	ug/l	99

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

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