

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033746.D
 Acq On : 16 Jan 2023 13:49
 Operator : JC/MD
 Sample : VX0116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 00:41:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83305	57.242	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.480%			
35) Dibromofluoromethane	5.385	113	63101	50.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	8.647	98	232066	50.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	90230	53.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22177	20.304	ug/l	97
3) Chloromethane	1.294	50	26930	22.319	ug/l	99
4) Vinyl Chloride	1.374	62	25050	21.394	ug/l	96
5) Bromomethane	1.618	94	14261	21.198	ug/l	99
6) Chloroethane	1.691	64	14797	20.441	ug/l	98
7) Trichlorofluoromethane	1.892	101	38181	20.108	ug/l	97
8) Diethyl Ether	2.130	74	14857	23.896	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23799	22.155	ug/l	98
10) Methyl Iodide	2.453	142	32616	21.245	ug/l	97
11) Tert butyl alcohol	3.038	59	25895m	102.427	ug/l	
12) 1,1-Dichloroethene	2.319	96	21803	19.387	ug/l	97
13) Acrolein	2.239	56	28212	120.945	ug/l	98
14) Allyl chloride	2.666	41	42847	20.199	ug/l	90
15) Acrylonitrile	3.069	53	69026	103.743	ug/l	98
16) Acetone	2.404	43	64418	115.116	ug/l	98
17) Carbon Disulfide	2.514	76	54287	20.201	ug/l	98
18) Methyl Acetate	2.709	43	42942	21.143	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	82185	21.040	ug/l	97
20) Methylene Chloride	2.788	84	30002	22.323	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	25764	19.596	ug/l	95
22) Diisopropyl ether	3.757	45	88390	20.711	ug/l	100
23) Vinyl Acetate	3.721	43	342946	106.743	ug/l	100
24) 1,1-Dichloroethane	3.605	63	46230	19.799	ug/l	100
25) 2-Butanone	4.574	43	89883	94.526	ug/l	99
26) 2,2-Dichloropropane	4.471	77	31880	19.060	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	26482	17.520	ug/l	95
28) Bromochloromethane	4.891	49	22926	21.555	ug/l	95
29) Tetrahydrofuran	5.019	42	55481	92.576	ug/l	99
30) Chloroform	5.086	83	44005	18.400	ug/l	100
31) Cyclohexane	5.464	56	38482	17.970	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	38147	18.682	ug/l	98
36) 1,1-Dichloropropene	5.690	75	33135	18.081	ug/l	98
37) Ethyl Acetate	4.715	43	35538	18.524	ug/l	97
38) Carbon Tetrachloride	5.678	117	35115	18.500	ug/l	99
39) Methylcyclohexane	7.379	83	41410	18.298	ug/l	98
40) Benzene	6.038	78	95928	17.959	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19076	18.889	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39500	20.866	ug/l	96
43) Isopropyl Acetate	6.336	43	55855	19.306	ug/l	99
44) Trichloroethene	7.123	130	25881	17.327	ug/l	88
45) 1,2-Dichloropropane	7.428	63	25760	19.251	ug/l	97
46) Dibromomethane	7.580	93	18154	19.423	ug/l	93
47) Bromodichloromethane	7.818	83	35697	19.818	ug/l	99
48) Methyl methacrylate	7.690	41	28765	19.738	ug/l	97
49) 1,4-Dioxane	7.738	88	12599	390.826	ug/l #	14
51) 4-Methyl-2-Pentanone	8.574	43	181869	102.357	ug/l	97
52) Toluene	8.714	92	64091	18.580	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	34791	19.314	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	38079	18.866	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	25784	18.883	ug/l	97
56) Ethyl methacrylate	9.116	69	38552	20.062	ug/l	94
57) 1,3-Dichloropropane	9.305	76	43902	19.828	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	91391	96.568	ug/l	98
59) 2-Hexanone	9.427	43	136581	110.441	ug/l	96
60) Dibromochloromethane	9.519	129	27646	19.529	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28133	20.645	ug/l	98
64) Tetrachloroethene	9.269	164	24753	17.474	ug/l	98
65) Chlorobenzene	10.079	112	71121	18.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26042	17.951	ug/l	99
67) Ethyl Benzene	10.189	91	122949	18.166	ug/l	97
68) m/p-Xylenes	10.299	106	98342	37.149	ug/l	98
69) o-Xylene	10.640	106	48259	18.382	ug/l	96
70) Styrene	10.653	104	79213	18.553	ug/l	98
71) Bromoform	10.799	173	20615	16.958	ug/l #	98
73) Isopropylbenzene	10.963	105	125960	16.691	ug/l	99
74) N-amyl acetate	10.842	43	49290	18.009	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	39879	17.713	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35769m	18.678	ug/l	
77) Bromobenzene	11.195	156	33243	16.432	ug/l	94
78) n-propylbenzene	11.305	91	144009	16.932	ug/l	99
79) 2-Chlorotoluene	11.366	91	86641	16.883	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	106740	17.019	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9821	15.938	ug/l	86
82) 4-Chlorotoluene	11.451	91	100742	17.205	ug/l	99
83) tert-Butylbenzene	11.713	119	107788	17.309	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	106963	18.029	ug/l	98
85) sec-Butylbenzene	11.890	105	134671	18.081	ug/l	99
86) p-Isopropyltoluene	12.006	119	116987	18.345	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62613	17.779	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63057	17.576	ug/l	98
89) n-Butylbenzene	12.329	91	96922	18.578	ug/l	98
90) Hexachloroethane	12.536	117	17708	16.881	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60367	17.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7590	17.845	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	42029	18.360	ug/l	99
94) Hexachlorobutadiene	13.725	225	20806	18.554	ug/l	99
95) Naphthalene	13.774	128	123877	18.809	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41640	18.179	ug/l	100

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

