

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035974.D
 Acq On : 02 Jun 2023 11:19
 Operator : JC/MD
 Sample : VX0602MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/05/2023

Quant Time: Jun 02 15:51:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	313851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159621	57.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.420%			
35) Dibromofluoromethane	5.385	113	107696	51.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.647	98	394573	52.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.160%			
62) 4-Bromofluorobenzene	11.079	95	157739	52.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	36904	19.657	ug/l	99
3) Chloromethane	1.295	50	39169	18.253	ug/l	96
4) Vinyl Chloride	1.374	62	36785	18.249	ug/l	97
5) Bromomethane	1.612	94	20919	15.757	ug/l	96
6) Chloroethane	1.691	64	23329	19.655	ug/l	97
7) Trichlorofluoromethane	1.886	101	56302	19.850	ug/l	98
8) Diethyl Ether	2.130	74	23170	18.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	34448	19.568	ug/l	99
10) Methyl Iodide	2.453	142	28045	13.534	ug/l	98
11) Tert butyl alcohol	3.020	59	54070	109.114	ug/l	98
12) 1,1-Dichloroethene	2.319	96	31806	18.450	ug/l	97
13) Acrolein	2.240	56	46172	96.731	ug/l	99
14) Allyl chloride	2.666	41	65709	18.542	ug/l	99
15) Acrylonitrile	3.069	53	118755	101.999	ug/l	99
16) Acetone	2.398	43	118970	103.348	ug/l	97
17) Carbon Disulfide	2.508	76	72582	16.803	ug/l	99
18) Methyl Acetate	2.709	43	93600	20.915	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	135354	20.044	ug/l	99
20) Methylene Chloride	2.788	84	39723	17.914	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	35001	17.761	ug/l	98
22) Diisopropyl ether	3.758	45	137730	19.982	ug/l	97
23) Vinyl Acetate	3.721	43	503232	103.915	ug/l	99
24) 1,1-Dichloroethane	3.605	63	73023	19.101	ug/l	98
25) 2-Butanone	4.568	43	176828	107.323	ug/l	98
26) 2,2-Dichloropropane	4.477	77	56346	19.336	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	43560	18.418	ug/l	98
28) Bromochloromethane	4.891	49	45860	22.907	ug/l	99
29) Tetrahydrofuran	5.013	42	114819	108.141	ug/l	98
30) Chloroform	5.093	83	78509	19.938	ug/l	99
31) Cyclohexane	5.465	56	57982	19.847	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	65376	19.647	ug/l	99
36) 1,1-Dichloropropene	5.690	75	52629	18.699	ug/l	99
37) Ethyl Acetate	4.715	43	65401	20.864	ug/l	98
38) Carbon Tetrachloride	5.678	117	52537	19.154	ug/l	95
39) Methylcyclohexane	7.379	83	58375	19.878	ug/l	96
40) Benzene	6.038	78	157742	18.673	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37271	20.960	ug/l	99
42) 1,2-Dichloroethane	6.080	62	69579	20.799	ug/l	100
43) Isopropyl Acetate	6.336	43	102729	19.931	ug/l	99
44) Trichloroethene	7.123	130	40550	18.504	ug/l	99
45) 1,2-Dichloropropane	7.428	63	41995	18.888	ug/l	100
46) Dibromomethane	7.580	93	30275	19.602	ug/l	99
47) Bromodichloromethane	7.818	83	56197	19.343	ug/l	100
48) Methyl methacrylate	7.690	41	51249	20.276	ug/l	97
49) 1,4-Dioxane	7.739	88	23728	409.894	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	335050	106.497	ug/l	99
52) Toluene	8.720	92	101928	19.192	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	57061	18.580	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	64366	18.979	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	42759	19.325	ug/l	98
56) Ethyl methacrylate	9.116	69	65949	19.936	ug/l	97
57) 1,3-Dichloropropane	9.305	76	75312	19.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	186792	107.763	ug/l	99
59) 2-Hexanone	9.433	43	257775	110.826	ug/l	99
60) Dibromochloromethane	9.519	129	39296	18.294	ug/l	98
61) 1,2-Dibromoethane	9.610	107	44594	19.714	ug/l	100
64) Tetrachloroethene	9.275	164	33483	18.559	ug/l	98
65) Chlorobenzene	10.080	112	108437	18.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37734	18.520	ug/l	99
67) Ethyl Benzene	10.195	91	193824	18.800	ug/l	99
68) m/p-Xylenes	10.299	106	148355	37.930	ug/l	97
69) o-Xylene	10.640	106	72487	18.442	ug/l	100
70) Styrene	10.653	104	122250	19.249	ug/l	97
71) Bromoform	10.799	173	25148	17.822	ug/l #	99
73) Isopropylbenzene	10.964	105	189211	19.058	ug/l	99
74) N-amyl acetate	10.842	43	86290	19.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	68338	20.122	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	62854m	20.398	ug/l	
77) Bromobenzene	11.195	156	43890	17.877	ug/l	96
78) n-propylbenzene	11.305	91	221823	19.796	ug/l	99
79) 2-Chlorotoluene	11.366	91	135604	18.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	160152	19.133	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16370	17.894	ug/l	98
82) 4-Chlorotoluene	11.457	91	159234	19.011	ug/l	98
83) tert-Butylbenzene	11.713	119	153194	19.157	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	161421	18.791	ug/l	98
85) sec-Butylbenzene	11.890	105	190634	20.098	ug/l	100
86) p-Isopropyltoluene	12.006	119	159073	19.615	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84672	18.827	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	85867	18.124	ug/l	100
89) n-Butylbenzene	12.335	91	134966	19.700	ug/l	99
90) Hexachloroethane	12.536	117	22950	17.846	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	85702	19.143	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14666	20.925	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	50766	19.485	ug/l	99
94) Hexachlorobutadiene	13.725	225	18564	18.731	ug/l	97
95) Naphthalene	13.774	128	183902	20.280	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49231	19.156	ug/l	98

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

