

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034379.D
 Acq On : 08 Mar 2023 12:40
 Operator : JC/MD
 Sample : VX0308MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	241149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151890	46.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.391	113	125449	47.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.647	98	461795	48.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	177994	49.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38693	18.569	ug/l	97
3) Chloromethane	1.300	50	56093	18.706	ug/l	98
4) Vinyl Chloride	1.374	62	57617	21.098	ug/l	94
5) Bromomethane	1.605	94	34446	30.739	ug/l	98
6) Chloroethane	1.685	64	31895	23.231	ug/l	97
7) Trichlorofluoromethane	1.886	101	84880	22.974	ug/l	99
8) Diethyl Ether	2.136	74	31839	21.390	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	47014	18.069	ug/l	95
10) Methyl Iodide	2.453	142	56820	17.935	ug/l	94
11) Tert butyl alcohol	2.959	59	65533	90.217	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	47076	18.049	ug/l	97
13) Acrolein	2.233	56	30349	91.527	ug/l	96
14) Allyl chloride	2.666	41	93750	16.944	ug/l	90
15) Acrylonitrile	3.062	53	151797	95.793	ug/l	98
16) Acetone	2.380	43	137748	82.222	ug/l	91
17) Carbon Disulfide	2.514	76	118051	15.742	ug/l	97
18) Methyl Acetate	2.703	43	101066	19.496	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	176741	19.199	ug/l	98
20) Methylene Chloride	2.788	84	55783	18.480	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	50721	18.558	ug/l	94
22) Diisopropyl ether	3.757	45	193725	19.972	ug/l	93
23) Vinyl Acetate	3.721	43	738798	95.067	ug/l	99
24) 1,1-Dichloroethane	3.611	63	101030	18.973	ug/l	98
25) 2-Butanone	4.556	43	218867	90.290	ug/l	98
26) 2,2-Dichloropropane	4.477	77	82613	17.126	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	62583	19.337	ug/l	95
28) Bromochloromethane	4.897	49	49823	20.974	ug/l	86
29) Tetrahydrofuran	5.001	42	141117	95.428	ug/l	99
30) Chloroform	5.099	83	98950	19.352	ug/l	96
31) Cyclohexane	5.470	56	88214	18.193	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	84644	18.466	ug/l	99
36) 1,1-Dichloropropene	5.696	75	72868	18.697	ug/l	98
37) Ethyl Acetate	4.715	43	85033	19.523	ug/l	99
38) Carbon Tetrachloride	5.678	117	71523	17.834	ug/l	96
39) Methylcyclohexane	7.379	83	86888	17.324	ug/l	97
40) Benzene	6.037	78	223994	19.394	ug/l	99

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41) Methacrylonitrile	4.916	41	46748	19.264	ug/l	99
42) 1,2-Dichloroethane	6.086	62	78141	19.237	ug/l	100
43) Isopropyl Acetate	6.342	43	144357	18.781	ug/l	99
44) Trichloroethene	7.129	130	56778	19.157	ug/l	98
45) 1,2-Dichloropropane	7.434	63	59219	19.261	ug/l	100
46) Dibromomethane	7.580	93	38011	18.785	ug/l	87
47) Bromodichloromethane	7.824	83	73079	17.599	ug/l	99
48) Methyl methacrylate	7.696	41	66981	18.360	ug/l	97
49) 1,4-Dioxane	7.659	88	29337	403.170	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	438157	103.613	ug/l	97
52) Toluene	8.720	92	138494	19.790	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	82581	17.277	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89856	17.560	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	56108	19.863	ug/l	98
56) Ethyl methacrylate	9.116	69	89539	18.738	ug/l	95
57) 1,3-Dichloropropane	9.305	76	98256	19.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	211006	101.934	ug/l	95
59) 2-Hexanone	9.427	43	324061	100.553	ug/l	98
60) Dibromochloromethane	9.519	129	56689	18.163	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58315	19.520	ug/l	98
64) Tetrachloroethene	9.275	164	48894	19.385	ug/l	94
65) Chlorobenzene	10.079	112	148317	19.910	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53062	18.400	ug/l	98
67) Ethyl Benzene	10.195	91	266853	19.940	ug/l	98
68) m/p-Xylenes	10.299	106	204224	39.876	ug/l	95
69) o-Xylene	10.640	106	100444	19.700	ug/l	94
70) Styrene	10.652	104	164060	19.784	ug/l	97
71) Bromoform	10.799	173	39127	16.622	ug/l #	98
73) Isopropylbenzene	10.963	105	261433	19.720	ug/l	100
74) N-amyl acetate	10.841	43	122112	18.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87735	19.349	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70571m	16.123	ug/l	
77) Bromobenzene	11.201	156	61898	19.402	ug/l	85
78) n-propylbenzene	11.305	91	300006	19.458	ug/l	98
79) 2-Chlorotoluene	11.366	91	183993	19.462	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	217273	19.493	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25046	14.700	ug/l	98
82) 4-Chlorotoluene	11.457	91	208845	19.395	ug/l	96
83) tert-Butylbenzene	11.713	119	216141	18.934	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	217036	19.258	ug/l	97
85) sec-Butylbenzene	11.890	105	265731	19.169	ug/l	98
86) p-Isopropyltoluene	12.006	119	222412	19.386	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	115069	19.232	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	116879	19.367	ug/l	96
89) n-Butylbenzene	12.335	91	188014	18.400	ug/l	97
90) Hexachloroethane	12.536	117	38434	16.023	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	116402	19.884	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17420	16.111	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	68852	18.320	ug/l	97
94) Hexachlorobutadiene	13.725	225	27252	17.491	ug/l	98
95) Naphthalene	13.774	128	239919	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68998	18.492	ug/l	97

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

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