

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034689.D
 Acq On : 23 Mar 2023 11:09
 Operator : JC/MD
 Sample : VX0323MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 23 13:29:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	493513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	217859	50.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.385	113	158563	48.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.647	98	564046	46.371	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.740%			
62) 4-Bromofluorobenzene	11.079	95	230300	46.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68369	24.897	ug/l	100
3) Chloromethane	1.295	50	77640	17.819	ug/l	99
4) Vinyl Chloride	1.374	62	76178	20.373	ug/l	97
5) Bromomethane	1.618	94	49739	26.364	ug/l	96
6) Chloroethane	1.691	64	44025	20.449	ug/l	95
7) Trichlorofluoromethane	1.886	101	109783	19.540	ug/l	98
8) Diethyl Ether	2.130	74	45714	22.289	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	64310	19.641	ug/l	98
10) Methyl Iodide	2.453	142	79963	18.601	ug/l	92
11) Tert butyl alcohol	3.002	59	90731	101.673	ug/l	96
12) 1,1-Dichloroethene	2.319	96	60555	18.779	ug/l	92
13) Acrolein	2.240	56	54511	77.215	ug/l	100
14) Allyl chloride	2.666	41	122966	18.809	ug/l	97
15) Acrylonitrile	3.063	53	193616	100.438	ug/l	98
16) Acetone	2.392	43	184069	91.187	ug/l	96
17) Carbon Disulfide	2.514	76	149802	16.507	ug/l	100
18) Methyl Acetate	2.703	43	144104	21.848	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	249939	21.647	ug/l	95
20) Methylene Chloride	2.788	84	74863	19.109	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	68072	19.877	ug/l	98
22) Diisopropyl ether	3.758	45	252982	20.296	ug/l	95
23) Vinyl Acetate	3.721	43	944133	99.525	ug/l	98
24) 1,1-Dichloroethane	3.611	63	132941	19.841	ug/l	99
25) 2-Butanone	4.562	43	283413	98.124	ug/l	99
26) 2,2-Dichloropropane	4.471	77	110127	18.908	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	80849	19.611	ug/l	98
28) Bromochloromethane	4.891	49	62094	19.931	ug/l	99
29) Tetrahydrofuran	5.013	42	183582	103.005	ug/l	98
30) Chloroform	5.093	83	137271	20.900	ug/l	96
31) Cyclohexane	5.471	56	117916	19.620	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	120318	20.693	ug/l	99
36) 1,1-Dichloropropene	5.690	75	100746	20.130	ug/l	98
37) Ethyl Acetate	4.709	43	107944	19.743	ug/l	98
38) Carbon Tetrachloride	5.672	117	103065	20.701	ug/l	96
39) Methylcyclohexane	7.379	83	116497	19.451	ug/l	98
40) Benzene	6.038	78	289067	19.744	ug/l	98

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41) Methacrylonitrile	4.916	41	63328	21.135	ug/l	97
42) 1,2-Dichloroethane	6.086	62	120255	22.349	ug/l	99
43) Isopropyl Acetate	6.336	43	185676	20.046	ug/l	99
44) Trichloroethene	7.123	130	73634	19.357	ug/l	99
45) 1,2-Dichloropropane	7.428	63	76374	19.979	ug/l	95
46) Dibromomethane	7.580	93	53434	20.560	ug/l	99
47) Bromodichloromethane	7.818	83	101163	20.112	ug/l	99
48) Methyl methacrylate	7.690	41	93207	20.923	ug/l	97
49) 1,4-Dioxane	7.702	88	37667	402.575	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	559375	104.106	ug/l	99
52) Toluene	8.714	92	186161	20.538	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	109747	19.367	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120205	19.607	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	74403	20.683	ug/l	99
56) Ethyl methacrylate	9.116	69	120244	20.359	ug/l	99
57) 1,3-Dichloropropane	9.305	76	132973	20.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278930	91.638	ug/l	99
59) 2-Hexanone	9.427	43	415478	100.030	ug/l	99
60) Dibromochloromethane	9.519	129	73842	19.572	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78546	20.234	ug/l	100
64) Tetrachloroethene	9.275	164	63049	21.235	ug/l	99
65) Chlorobenzene	10.080	112	193958	20.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70841	20.057	ug/l	98
67) Ethyl Benzene	10.195	91	353556	20.365	ug/l	98
68) m/p-Xylenes	10.299	106	269535	40.415	ug/l	98
69) o-Xylene	10.640	106	133104	19.888	ug/l	96
70) Styrene	10.653	104	218797	20.263	ug/l	99
71) Bromoform	10.799	173	49501	18.207	ug/l #	100
73) Isopropylbenzene	10.964	105	352388	21.088	ug/l	98
74) N-amyl acetate	10.842	43	157778	19.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	112445	20.165	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	107471m	21.648	ug/l	
77) Bromobenzene	11.195	156	82964	20.693	ug/l	99
78) n-propylbenzene	11.305	91	402609	20.862	ug/l	100
79) 2-Chlorotoluene	11.366	91	250210	20.992	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	297112	21.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28973	15.788	ug/l #	85
82) 4-Chlorotoluene	11.457	91	288274	20.998	ug/l	99
83) tert-Butylbenzene	11.713	119	288212	20.394	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298681	20.851	ug/l	99
85) sec-Butylbenzene	11.890	105	348051	20.145	ug/l	99
86) p-Isopropyltoluene	12.006	119	296108	20.393	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155256	19.764	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	156198	19.665	ug/l	98
89) n-Butylbenzene	12.329	91	250528	19.408	ug/l	99
90) Hexachloroethane	12.536	117	45588	16.967	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154234	20.316	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25737	20.315	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	95889	20.198	ug/l	98
94) Hexachlorobutadiene	13.725	225	38976	20.379	ug/l	99
95) Naphthalene	13.774	128	343478	21.576	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96806	20.861	ug/l	100

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

