

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034690.D
 Acq On : 23 Mar 2023 11:32
 Operator : JC/MD
 Sample : VX0323MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 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 13:29:43 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	5.556	168	283445	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	484717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216086	52.403	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.800%			
35) Dibromofluoromethane	5.385	113	157654	49.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	543050	45.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.900%#			
62) 4-Bromofluorobenzene	11.079	95	217427	45.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60203	22.783	ug/l	99
3) Chloromethane	1.294	50	71402	16.971	ug/l	100
4) Vinyl Chloride	1.374	62	67056	18.637	ug/l	98
5) Bromomethane	1.617	94	45222	24.911	ug/l	97
6) Chloroethane	1.691	64	39397	19.017	ug/l	99
7) Trichlorofluoromethane	1.892	101	96370	17.825	ug/l	98
8) Diethyl Ether	2.130	74	42465	21.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	57196	18.153	ug/l	99
10) Methyl Iodide	2.453	142	73359	17.734	ug/l	92
11) Tert butyl alcohol	2.995	59	79657	92.765	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	54543	17.578	ug/l	92
13) Acrolein	2.239	56	54965	80.913	ug/l	99
14) Allyl chloride	2.666	41	112478	17.880	ug/l	97
15) Acrylonitrile	3.068	53	182747	98.519	ug/l	98
16) Acetone	2.392	43	171209	88.143	ug/l	97
17) Carbon Disulfide	2.514	76	131554	15.065	ug/l	98
18) Methyl Acetate	2.703	43	135721	21.384	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	233311	21.000	ug/l	97
20) Methylene Chloride	2.788	84	68183	18.087	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	60418	18.334	ug/l	96
22) Diisopropyl ether	3.757	45	235512	19.636	ug/l	95
23) Vinyl Acetate	3.721	43	888917	97.380	ug/l	98
24) 1,1-Dichloroethane	3.611	63	121292	18.812	ug/l	99
25) 2-Butanone	4.562	43	263424	94.781	ug/l	100
26) 2,2-Dichloropropane	4.477	77	99142	17.690	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	74476	18.774	ug/l	98
28) Bromochloromethane	4.897	49	58464	19.502	ug/l	99
29) Tetrahydrofuran	5.007	42	171117	99.777	ug/l	100
30) Chloroform	5.099	83	126836	20.069	ug/l	97
31) Cyclohexane	5.470	56	103318	17.866	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	107502	19.214	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87639	17.829	ug/l	99
37) Ethyl Acetate	4.714	43	103449	19.264	ug/l	99
38) Carbon Tetrachloride	5.678	117	89320	18.266	ug/l	99
39) Methylcyclohexane	7.379	83	98889	16.811	ug/l	93
40) Benzene	6.037	78	263341	18.313	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59497	20.217	ug/l	98
42) 1,2-Dichloroethane	6.086	62	112730	21.331	ug/l	99
43) Isopropyl Acetate	6.342	43	174066	19.134	ug/l	100
44) Trichloroethene	7.123	130	66621	17.831	ug/l	100
45) 1,2-Dichloropropane	7.433	63	70634	18.812	ug/l	100
46) Dibromomethane	7.580	93	49650	19.451	ug/l	100
47) Bromodichloromethane	7.824	83	93318	18.889	ug/l	99
48) Methyl methacrylate	7.690	41	87898	20.090	ug/l	96
49) 1,4-Dioxane	7.714	88	37689	410.120	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	529009	100.241	ug/l	99
52) Toluene	8.720	92	167093	18.769	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	101092	18.164	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112048	18.608	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70546	19.967	ug/l	95
56) Ethyl methacrylate	9.116	69	111595	19.237	ug/l	98
57) 1,3-Dichloropropane	9.311	76	122481	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	267398	89.443	ug/l	99
59) 2-Hexanone	9.427	43	395759	97.012	ug/l	99
60) Dibromochloromethane	9.518	129	69683	18.805	ug/l	97
61) 1,2-Dibromoethane	9.610	107	74101	19.436	ug/l	99
64) Tetrachloroethene	9.275	164	55841	19.124	ug/l	96
65) Chlorobenzene	10.079	112	176560	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64122	18.460	ug/l	100
67) Ethyl Benzene	10.195	91	315379	18.471	ug/l	96
68) m/p-Xylenes	10.299	106	243164	37.074	ug/l	99
69) o-Xylene	10.640	106	120543	18.314	ug/l	98
70) Styrene	10.652	104	197360	18.584	ug/l	99
71) Bromoform	10.799	173	44476	16.634	ug/l #	99
73) Isopropylbenzene	10.963	105	307337	19.009	ug/l	99
74) N-amyl acetate	10.841	43	147534	19.052	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105656	19.584	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89480m	18.629	ug/l	
77) Bromobenzene	11.195	156	75121	19.366	ug/l	99
78) n-propylbenzene	11.305	91	348426	18.660	ug/l	99
79) 2-Chlorotoluene	11.366	91	223223	19.357	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	260521	19.211	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27395	15.430	ug/l	88
82) 4-Chlorotoluene	11.451	91	255556	19.240	ug/l	99
83) tert-Butylbenzene	11.713	119	253588	18.547	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	262042	18.907	ug/l	99
85) sec-Butylbenzene	11.890	105	301830	18.057	ug/l	98
86) p-Isopropyltoluene	12.012	119	256860	18.284	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136404	17.947	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	136056	17.704	ug/l	96
89) n-Butylbenzene	12.335	91	211799	16.959	ug/l	100
90) Hexachloroethane	12.536	117	40321	15.511	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	138152	18.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23607	19.259	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	82743	18.014	ug/l	96
94) Hexachlorobutadiene	13.725	225	33615	18.166	ug/l	97
95) Naphthalene	13.774	128	305899	19.860	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84555	18.832	ug/l	100

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

