

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042166.D
 Acq On : 03 Jul 2024 15:58
 Operator : JC/MD
 Sample : VX0703MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 04 07:27:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89826	43.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.480%		
35) Dibromofluoromethane	5.385	113	84881	46.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.240%		
50) Toluene-d8	8.647	98	275428	42.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.200%#		
62) 4-Bromofluorobenzene	11.079	95	103491	43.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	26471	19.510	ug/l	97
3) Chloromethane	1.301	50	30709	18.042	ug/l	97
4) Vinyl Chloride	1.374	62	29954	17.556	ug/l	98
5) Bromomethane	1.593	94	15734	18.675	ug/l	98
6) Chloroethane	1.660	64	13908	17.613	ug/l	95
7) Trichlorofluoromethane	1.868	101	41900	18.744	ug/l	99
8) Diethyl Ether	2.136	74	17504	16.681	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.313	101	27083	17.588	ug/l	87
10) Methyl Iodide	2.441	142	34160	17.848	ug/l	# 86
11) Tert butyl alcohol	3.002	59	31289	80.281	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	27400	17.838	ug/l	81
13) Acrolein	2.240	56	33045	75.638	ug/l	97
14) Allyl chloride	2.654	41	42958	17.634	ug/l	87
15) Acrylonitrile	3.075	53	89976	88.384	ug/l	98
16) Acetone	2.392	43	67047	74.352	ug/l	# 88
17) Carbon Disulfide	2.502	76	56406	18.010	ug/l	99
18) Methyl Acetate	2.709	43	38662	15.717	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	93671	18.459	ug/l	99
20) Methylene Chloride	2.782	84	33834	17.135	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	28289	18.146	ug/l	87
22) Diisopropyl ether	3.770	45	92145	17.895	ug/l	86
23) Vinyl Acetate	3.721	43	401197	91.232	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	51772	17.954	ug/l	96
25) 2-Butanone	4.568	43	119015	84.835	ug/l	92
26) 2,2-Dichloropropane	4.471	77	34655	16.596	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	35278	18.068	ug/l	84
28) Bromochloromethane	4.898	49	20898	16.920	ug/l	# 70
29) Tetrahydrofuran	5.013	42	78840	87.016	ug/l	92
30) Chloroform	5.093	83	54262	18.062	ug/l	95
31) Cyclohexane	5.465	56	41211	17.159	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	45187	18.001	ug/l	95
36) 1,1-Dichloropropene	5.690	75	33916	17.355	ug/l	92
37) Ethyl Acetate	4.721	43	45518	17.881	ug/l	96
38) Carbon Tetrachloride	5.678	117	37866	17.537	ug/l	97
39) Methylcyclohexane	7.379	83	43836	17.737	ug/l	94
40) Benzene	6.038	78	118081	17.916	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	24911	18.052	ug/l	90
42) 1,2-Dichloroethane	6.086	62	38205	17.996	ug/l	92
43) Isopropyl Acetate	6.349	43	66952	17.134	ug/l #	93
44) Trichloroethene	7.123	130	31755	17.974	ug/l	87
45) 1,2-Dichloropropane	7.434	63	28776	17.756	ug/l	96
46) Dibromomethane	7.586	93	21587	18.282	ug/l #	76
47) Bromodichloromethane	7.824	83	37817	17.444	ug/l	98
48) Methyl methacrylate	7.696	41	32752	17.563	ug/l #	84
49) 1,4-Dioxane	7.672	88	17262	362.793	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	235971	87.668	ug/l	95
52) Toluene	8.720	92	76247	18.167	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37784	17.353	ug/l	97
54) cis-1,3-Dichloropropene	8.367	75	42759	18.015	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	31895	18.242	ug/l	95
56) Ethyl methacrylate	9.116	69	49764	18.295	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	51579	18.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	120294	94.903	ug/l	92
59) 2-Hexanone	9.433	43	180063	87.343	ug/l	91
60) Dibromochloromethane	9.519	129	33776	17.784	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32917	18.154	ug/l	97
64) Tetrachloroethene	9.275	164	30972	18.771	ug/l	90
65) Chlorobenzene	10.080	112	87719	18.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30876	18.711	ug/l	99
67) Ethyl Benzene	10.195	91	137802	18.657	ug/l	96
68) m/p-Xylenes	10.299	106	111962	37.551	ug/l	90
69) o-Xylene	10.640	106	56173	19.029	ug/l	92
70) Styrene	10.659	104	93943	18.978	ug/l	94
71) Bromoform	10.799	173	27293	18.185	ug/l #	100
73) Isopropylbenzene	10.964	105	142266	19.573	ug/l	97
74) N-amyl acetate	10.842	43	59154	18.321	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	51147	18.925	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	40408m	18.620	ug/l	
77) Bromobenzene	11.201	156	41488	19.165	ug/l	77
78) n-propylbenzene	11.305	91	151162	19.167	ug/l	95
79) 2-Chlorotoluene	11.366	91	98022	19.291	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	118931	19.644	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12811	16.765	ug/l	93
82) 4-Chlorotoluene	11.451	91	106990	19.047	ug/l	91
83) tert-Butylbenzene	11.713	119	126721	19.076	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	120995	19.920	ug/l	94
85) sec-Butylbenzene	11.890	105	145022	19.301	ug/l	95
86) p-Isopropyltoluene	12.006	119	128512	19.579	ug/l	94
87) 1,3-Dichlorobenzene	11.970	146	72511	19.057	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	71436	18.298	ug/l	97
89) n-Butylbenzene	12.329	91	93498	18.505	ug/l	97
90) Hexachloroethane	12.537	117	20073	17.963	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	75579	19.411	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9965	18.605	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.591	180	47796	18.739	ug/l	96
94) Hexachlorobutadiene	13.725	225	23526	18.240	ug/l	100
95) Naphthalene	13.774	128	153450	18.384	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50610	18.814	ug/l	94

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

