

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035684.D
 Acq On : 16 May 2023 12:34
 Operator : JC/MD
 Sample : VX0516MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:27:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	202259	56.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.080%			
35) Dibromofluoromethane	5.385	113	134385	53.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.647	98	478956	51.480	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.960%			
62) 4-Bromofluorobenzene	11.079	95	197328	52.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48067	17.828	ug/l	99
3) Chloromethane	1.295	50	53755	16.429	ug/l	100
4) Vinyl Chloride	1.374	62	48472	17.456	ug/l	96
5) Bromomethane	1.618	94	31492	20.941	ug/l	99
6) Chloroethane	1.691	64	31247	18.549	ug/l	97
7) Trichlorofluoromethane	1.886	101	74746	18.307	ug/l	98
8) Diethyl Ether	2.136	74	31909	20.298	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	44908	18.526	ug/l	94
10) Methyl Iodide	2.453	142	45173	20.836	ug/l	93
11) Tert butyl alcohol	3.026	59	65336	102.610	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	41082	17.832	ug/l	91
13) Acrolein	2.239	56	73782	97.630	ug/l	99
14) Allyl chloride	2.666	41	88545	17.940	ug/l	93
15) Acrylonitrile	3.069	53	150219	107.137	ug/l	98
16) Acetone	2.398	43	162357	104.667	ug/l	93
17) Carbon Disulfide	2.514	76	81588	14.674	ug/l	100
18) Methyl Acetate	2.709	43	123183	21.533	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	182648	19.923	ug/l	95
20) Methylene Chloride	2.794	84	54411	19.355	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46993	18.615	ug/l	90
22) Diisopropyl ether	3.757	45	189237	19.582	ug/l	99
23) Vinyl Acetate	3.721	43	672630	98.370	ug/l	97
24) 1,1-Dichloroethane	3.605	63	97859	18.934	ug/l	97
25) 2-Butanone	4.568	43	228729	106.519	ug/l	100
26) 2,2-Dichloropropane	4.477	77	78828	18.011	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	55855	18.405	ug/l	90
28) Bromochloromethane	4.904	49	52521	22.593	ug/l	96
29) Tetrahydrofuran	5.013	42	141850	105.101	ug/l	99
30) Chloroform	5.093	83	102676	19.387	ug/l	100
31) Cyclohexane	5.471	56	81493	17.872	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	83325	18.083	ug/l	98
36) 1,1-Dichloropropene	5.696	75	70305	17.686	ug/l	98
37) Ethyl Acetate	4.715	43	85083	20.520	ug/l	99
38) Carbon Tetrachloride	5.672	117	65399	17.367	ug/l	94
39) Methylcyclohexane	7.379	83	83067	17.752	ug/l	91
40) Benzene	6.038	78	206385	18.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49851	20.250	ug/l	97
42) 1,2-Dichloroethane	6.086	62	92919	19.424	ug/l	97
43) Isopropyl Acetate	6.342	43	142775	19.747	ug/l	99
44) Trichloroethene	7.123	130	50216	17.808	ug/l	90
45) 1,2-Dichloropropane	7.428	63	56898	19.318	ug/l	96
46) Dibromomethane	7.580	93	38156	18.926	ug/l	96
47) Bromodichloromethane	7.818	83	69819	17.917	ug/l	99
48) Methyl methacrylate	7.696	41	70222	19.680	ug/l	98
49) 1,4-Dioxane	7.732	88	27952	366.353	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	441130	105.904	ug/l	98
52) Toluene	8.720	92	127433	18.153	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	76744	18.127	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	85009	18.741	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54895	19.910	ug/l	98
56) Ethyl methacrylate	9.116	69	86773	19.434	ug/l	96
57) 1,3-Dichloropropane	9.305	76	96942	19.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	214709	94.527	ug/l	99
59) 2-Hexanone	9.427	43	336871	107.389	ug/l	98
60) Dibromochloromethane	9.519	129	47518	18.080	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56297	19.380	ug/l	99
64) Tetrachloroethene	9.275	164	40396	18.022	ug/l	95
65) Chlorobenzene	10.080	112	135918	18.701	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46862	18.235	ug/l	99
67) Ethyl Benzene	10.195	91	252120	18.445	ug/l	96
68) m/p-Xylenes	10.299	106	186355	36.884	ug/l	94
69) o-Xylene	10.640	106	94066	18.762	ug/l	97
70) Styrene	10.653	104	151557	18.757	ug/l	97
71) Bromoform	10.799	173	28834	17.053	ug/l #	99
73) Isopropylbenzene	10.964	105	242170	18.625	ug/l	100
74) N-amyl acetate	10.842	43	117901	19.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84923	20.134	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82455m	21.846	ug/l	
77) Bromobenzene	11.195	156	53915	18.269	ug/l	89
78) n-propylbenzene	11.305	91	288773	18.893	ug/l	97
79) 2-Chlorotoluene	11.366	91	180160	18.827	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	210265	19.026	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20488	17.494	ug/l #	80
82) 4-Chlorotoluene	11.451	91	208302	18.901	ug/l	96
83) tert-Butylbenzene	11.713	119	201028	18.714	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	209775	18.905	ug/l	96
85) sec-Butylbenzene	11.890	105	252736	18.738	ug/l	98
86) p-Isopropyltoluene	12.006	119	207513	18.714	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104728	18.680	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	105490	18.634	ug/l	97
89) n-Butylbenzene	12.329	91	186209	18.460	ug/l	98
90) Hexachloroethane	12.536	117	28472	16.941	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	103382	18.831	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18388	19.577	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	62570	18.928	ug/l	98
94) Hexachlorobutadiene	13.725	225	23977	18.274	ug/l	97
95) Naphthalene	13.774	128	230796	20.388	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62572	19.246	ug/l	97

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

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