

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031873.D
 Acq On : 04 Oct 2022 16:43
 Operator : JC/MD
 Sample : VX1004MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 06:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	151696	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	198066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214133	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102618	37.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.520%		
35) Dibromofluoromethane	5.385	113	108193	45.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.647	98	384183	45.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.280%		
62) 4-Bromofluorobenzene	11.079	95	140200	46.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	39844	20.317	ug/l	98
3) Chloromethane	1.288	50	31024	15.091	ug/l	99
4) Vinyl Chloride	1.374	62	38914	14.860	ug/l	97
5) Bromomethane	1.612	94	35429	17.745	ug/l	99
6) Chloroethane	1.685	64	33757	14.042	ug/l	99
7) Trichlorofluoromethane	1.886	101	76349	14.286	ug/l	97
8) Diethyl Ether	2.130	74	24370	14.774	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	37548	16.264	ug/l	# 78
10) Methyl Iodide	2.447	142	33472	15.445	ug/l	95
11) Tert butyl alcohol	3.008	59	34424m	90.980	ug/l	
12) 1,1-Dichloroethene	2.319	96	35439	16.717	ug/l	# 79
13) Acrolein	2.240	56	16054	71.666	ug/l	98
14) Allyl chloride	2.660	41	36893	13.634	ug/l	# 94
15) Acrylonitrile	3.069	53	77383	78.296	ug/l	97
16) Acetone	2.392	43	60455	84.422	ug/l	# 87
17) Carbon Disulfide	2.508	76	62265	10.580	ug/l	100
18) Methyl Acetate	2.703	43	41169	16.194	ug/l	# 83
19) Methyl tert-butyl Ether	3.111	73	111265	16.122	ug/l	97
20) Methylene Chloride	2.788	84	39310	16.534	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	38882	15.645	ug/l	83
22) Diisopropyl ether	3.758	45	88702	15.459	ug/l	# 84
23) Vinyl Acetate	3.721	43	330406	76.981	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	57282	14.855	ug/l	# 92
25) 2-Butanone	4.562	43	95623	76.679	ug/l	# 87
26) 2,2-Dichloropropane	4.477	77	39339	11.950	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	46134	15.965	ug/l	76
28) Bromochloromethane	4.898	49	22230	14.264	ug/l	# 35
29) Tetrahydrofuran	5.013	42	60645	78.762	ug/l	# 77
30) Chloroform	5.093	83	68582	14.867	ug/l	92
31) Cyclohexane	5.471	56	49597	15.323	ug/l	# 74
32) 1,1,1-Trichloroethane	5.385	97	60532	13.828	ug/l	94
36) 1,1-Dichloropropene	5.690	75	48135	16.496	ug/l	91
37) Ethyl Acetate	4.715	43	37812	17.119	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	52818	14.581	ug/l	100
39) Methylcyclohexane	7.379	83	62937	17.582	ug/l	# 84
40) Benzene	6.038	78	147176	17.460	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19736	16.443	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	48013	16.259	ug/l	93
43) Isopropyl Acetate	6.342	43	57347	16.058	ug/l #	89
44) Trichloroethene	7.129	130	50943	18.707	ug/l	78
45) 1,2-Dichloropropane	7.428	63	32924	16.672	ug/l	99
46) Dibromomethane	7.586	93	28291	17.188	ug/l #	74
47) Bromodichloromethane	7.824	83	44899	13.629	ug/l	95
48) Methyl methacrylate	7.696	41	27874	17.442	ug/l #	81
49) 1,4-Dioxane	7.696	88	19237	371.386	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	197061	87.906	ug/l	89
52) Toluene	8.720	92	103400	17.497	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	41949	13.354	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	49181	14.288	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	42652	18.108	ug/l	95
56) Ethyl methacrylate	9.116	69	51294	18.834	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	62958	17.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	119409	85.084	ug/l #	79
59) 2-Hexanone	9.433	43	143323	87.944	ug/l	86
60) Dibromochloromethane	9.519	129	39834	13.931	ug/l	98
61) 1,2-Dibromoethane	9.610	107	44932	17.179	ug/l	99
64) Tetrachloroethene	9.275	164	53117	19.841	ug/l	93
65) Chlorobenzene	10.080	112	119559	18.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40848	16.345	ug/l	97
67) Ethyl Benzene	10.195	91	203322	19.024	ug/l	96
68) m/p-Xylenes	10.299	106	170997	38.754	ug/l	90
69) o-Xylene	10.640	106	81752	19.232	ug/l	88
70) Styrene	10.653	104	128531	18.602	ug/l	95
71) Bromoform	10.799	173	28322	13.476	ug/l #	100
73) Isopropylbenzene	10.964	105	206611	18.227	ug/l	97
74) N-amyl acetate	10.842	43	48723	18.352	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.214	83	57655	17.869	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47898m	16.405	ug/l	
77) Bromobenzene	11.195	156	58894	19.698	ug/l	79
78) n-propylbenzene	11.305	91	228400	18.435	ug/l	94
79) 2-Chlorotoluene	11.366	91	133113	17.781	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	179617	18.975	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	9756	11.470	ug/l #	84
82) 4-Chlorotoluene	11.451	91	151952	17.585	ug/l	90
83) tert-Butylbenzene	11.713	119	173850	18.171	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	195859	20.790	ug/l	96
85) sec-Butylbenzene	11.890	105	209243	18.167	ug/l	96
86) p-Isopropyltoluene	12.012	119	190112	18.913	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	108460	19.226	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	109920	18.656	ug/l	97
89) n-Butylbenzene	12.335	91	143005	18.012	ug/l	95
90) Hexachloroethane	12.536	117	22335	12.317	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	108074	19.129	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9738	14.352	ug/l	55
93) 1,2,4-Trichlorobenzene	13.585	180	73384	21.223	ug/l	98
94) Hexachlorobutadiene	13.725	225	30294	21.292	ug/l	99
95) Naphthalene	13.774	128	243767	22.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72415	21.597	ug/l	98

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

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