

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031892.D
 Acq On : 05 Oct 2022 14:08
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 14:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	162571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90826	52.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 104.020%		
35) Dibromofluoromethane	5.385	113	92771	52.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.320%		
50) Toluene-d8	8.647	98	330413	52.443	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 104.880%		
62) 4-Bromofluorobenzene	11.079	95	116903	51.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 103.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	27541	20.512	ug/l	97
3) Chloromethane	1.288	50	23871	20.111	ug/l	99
4) Vinyl Chloride	1.368	62	31234	20.422	ug/l	94
5) Bromomethane	1.612	94	33418	23.364	ug/l	94
6) Chloroethane	1.685	64	21684	16.460	ug/l	97
7) Trichlorofluoromethane	1.886	101	62895	19.783	ug/l	99
8) Diethyl Ether	2.130	74	19905	18.697	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	30317	19.706	ug/l #	84
10) Methyl Iodide	2.453	142	25353	16.540	ug/l	96
11) Tert butyl alcohol	2.989	59	28517m	123.627	ug/l	
12) 1,1-Dichloroethene	2.319	96	28734	19.722	ug/l #	78
13) Acrolein	2.240	56	14393	96.996	ug/l	99
14) Allyl chloride	2.666	41	30552	20.199	ug/l #	93
15) Acrylonitrile	3.069	53	66205	102.447	ug/l	97
16) Acetone	2.386	43	50536	99.898	ug/l	90
17) Carbon Disulfide	2.508	76	55884	19.454	ug/l	100
18) Methyl Acetate	2.703	43	34347	20.962	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	88667	19.902	ug/l	94
20) Methylene Chloride	2.788	84	31331	18.805	ug/l #	76
21) trans-1,2-Dichloroethene	3.093	96	31472	19.286	ug/l	83
22) Diisopropyl ether	3.758	45	73149	20.612	ug/l #	83
23) Vinyl Acetate	3.721	43	277257	105.580	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	48228	19.884	ug/l	94
25) 2-Butanone	4.562	43	82434	102.311	ug/l #	81
26) 2,2-Dichloropropane	4.471	77	35798	19.553	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	38940	20.380	ug/l	76
28) Bromochloromethane	4.891	49	19149	19.939	ug/l #	41
29) Tetrahydrofuran	5.007	42	51842	103.379	ug/l #	74
30) Chloroform	5.093	83	59911	20.134	ug/l	98
31) Cyclohexane	5.471	56	40391	20.020	ug/l #	77
32) 1,1,1-Trichloroethane	5.379	97	53461	20.420	ug/l	94
36) 1,1-Dichloropropene	5.690	75	41008	19.862	ug/l	93
37) Ethyl Acetate	4.715	43	32616	20.450	ug/l #	93
38) Carbon Tetrachloride	5.678	117	48937	20.131	ug/l	97
39) Methylcyclohexane	7.379	83	51625	19.515	ug/l #	85
40) Benzene	6.038	78	124836	20.108	ug/l	99

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41) Methacrylonitrile	4.922	41	16732	20.290	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	41306	20.029	ug/l	92
43) Isopropyl Acetate	6.342	43	49274	20.244	ug/l #	88
44) Trichloroethene	7.129	130	41462	19.624	ug/l	77
45) 1,2-Dichloropropane	7.434	63	27724	20.039	ug/l	100
46) Dibromomethane	7.580	93	24701	20.199	ug/l #	81
47) Bromodichloromethane	7.824	83	42850	20.520	ug/l	96
48) Methyl methacrylate	7.696	41	23807	20.713	ug/l #	78
49) 1,4-Dioxane	7.684	88	16892	431.845	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	172027	105.054	ug/l	90
52) Toluene	8.720	92	88933	20.232	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	38721	20.565	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	44436	20.529	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	36002	19.913	ug/l	97
56) Ethyl methacrylate	9.116	69	43834	21.055	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	54075	20.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	106219	101.762	ug/l #	80
59) 2-Hexanone	9.433	43	126387	106.312	ug/l	87
60) Dibromochloromethane	9.525	129	38112	20.952	ug/l	98
61) 1,2-Dibromoethane	9.610	107	39060	20.351	ug/l	95
64) Tetrachloroethene	9.275	164	43842	20.046	ug/l	94
65) Chlorobenzene	10.080	112	102131	20.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36614	20.586	ug/l	97
67) Ethyl Benzene	10.195	91	164419	20.315	ug/l	95
68) m/p-Xylenes	10.305	106	138035	40.455	ug/l	91
69) o-Xylene	10.640	106	68438	20.404	ug/l	89
70) Styrene	10.659	104	109990	20.812	ug/l	93
71) Bromoform	10.799	173	26594	18.267	ug/l #	98
73) Isopropylbenzene	10.964	105	175125	19.437	ug/l	98
74) N-amyl acetate	10.848	43	41015	20.709	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.214	83	49508	19.745	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	42263m	19.596	ug/l	
77) Bromobenzene	11.201	156	48532	19.814	ug/l	80
78) n-propylbenzene	11.305	91	190020	19.801	ug/l	95
79) 2-Chlorotoluene	11.366	91	112893	19.254	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	148884	19.966	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9581	18.211	ug/l	89
82) 4-Chlorotoluene	11.457	91	131174	19.600	ug/l	92
83) tert-Butylbenzene	11.713	119	151824	20.173	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	151663	20.361	ug/l	97
85) sec-Butylbenzene	11.890	105	178781	19.694	ug/l	95
86) p-Isopropyltoluene	12.012	119	162023	20.197	ug/l	96
87) 1,3-Dichlorobenzene	11.970	146	89126	19.269	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	92410	19.385	ug/l	98
89) n-Butylbenzene	12.335	91	117561	19.697	ug/l	97
90) Hexachloroethane	12.536	117	20942	19.496	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	91194	19.728	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9183	20.627	ug/l	58
93) 1,2,4-Trichlorobenzene	13.591	180	56686	19.308	ug/l	99
94) Hexachlorobutadiene	13.725	225	23426	19.590	ug/l	99
95) Naphthalene	13.774	128	189384	20.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57624	19.448	ug/l	98

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

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