

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032113.D
 Acq On : 13 Oct 2022 16:13
 Operator : JC/MD
 Sample : VX1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90030	56.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.180%			
35) Dibromofluoromethane	5.385	113	67633	49.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	8.647	98	243225	49.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	88977	51.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22886	19.963	ug/l	96
3) Chloromethane	1.288	50	20171	16.802	ug/l	99
4) Vinyl Chloride	1.374	62	24315	17.331	ug/l	99
5) Bromomethane	1.611	94	16606	15.819	ug/l	98
6) Chloroethane	1.685	64	15945	13.356	ug/l	97
7) Trichlorofluoromethane	1.886	101	39280	15.576	ug/l	98
8) Diethyl Ether	2.130	74	13775	16.025	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	20116	15.781	ug/l	91
10) Methyl Iodide	2.447	142	20879	17.966	ug/l	97
11) Tert butyl alcohol	2.983	59	22389	113.115	ug/l	99
12) 1,1-Dichloroethene	2.319	96	17196	14.656	ug/l	87
13) Acrolein	2.239	56	8386	61.741	ug/l	97
14) Allyl chloride	2.660	41	34749	20.813	ug/l	96
15) Acrylonitrile	3.062	53	62722	99.405	ug/l	99
16) Acetone	2.386	43	41989	77.660	ug/l	100
17) Carbon Disulfide	2.508	76	40192	15.951	ug/l	98
18) Methyl Acetate	2.703	43	39312	22.036	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	82357	20.916	ug/l	99
20) Methylene Chloride	2.788	84	26229	18.461	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	23102	17.779	ug/l	96
22) Diisopropyl ether	3.757	45	79629	21.216	ug/l	91
23) Vinyl Acetate	3.721	43	312720	111.467	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45430	20.192	ug/l	97
25) 2-Butanone	4.562	43	86644	102.513	ug/l	99
26) 2,2-Dichloropropane	4.471	77	35268	21.824	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	29722	19.117	ug/l	91
28) Bromochloromethane	4.897	49	21563	22.391	ug/l	91
29) Tetrahydrofuran	5.013	42	53374	97.872	ug/l	95
30) Chloroform	5.092	83	52550	20.969	ug/l	92
31) Cyclohexane	5.464	56	36011	18.948	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	45309	21.276	ug/l	99
36) 1,1-Dichloropropene	5.690	75	35123	19.504	ug/l	99
37) Ethyl Acetate	4.721	43	35375	20.865	ug/l	100
38) Carbon Tetrachloride	5.678	117	37906	20.586	ug/l	98
39) Methylcyclohexane	7.379	83	41037	19.104	ug/l	97
40) Benzene	6.037	78	101057	19.164	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18727	21.242	ug/l	95
42) 1,2-Dichloroethane	6.086	62	44495	23.155	ug/l	99
43) Isopropyl Acetate	6.342	43	56018	21.777	ug/l	99
44) Trichloroethene	7.123	130	28374	18.351	ug/l	93
45) 1,2-Dichloropropane	7.427	63	26512	20.458	ug/l	99
46) Dibromomethane	7.580	93	19963	19.877	ug/l	96
47) Bromodichloromethane	7.824	83	37201	21.442	ug/l	99
48) Methyl methacrylate	7.690	41	28525	23.207	ug/l	97
49) 1,4-Dioxane	7.690	88	11222	359.299	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	185756	108.971	ug/l	99
52) Toluene	8.720	92	65091	18.879	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	35640	19.829	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39311	20.922	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	27923	19.189	ug/l	99
56) Ethyl methacrylate	9.116	69	39246	21.040	ug/l	96
57) 1,3-Dichloropropane	9.311	76	47340	20.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	103797	107.799	ug/l	95
59) 2-Hexanone	9.433	43	134857	107.294	ug/l	100
60) Dibromochloromethane	9.525	129	26909	20.206	ug/l	97
61) 1,2-Dibromoethane	9.610	107	28679	19.597	ug/l	98
64) Tetrachloroethene	9.275	164	27768	18.732	ug/l	97
65) Chlorobenzene	10.079	112	72636	18.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	26897	19.538	ug/l	97
67) Ethyl Benzene	10.195	91	132293	19.656	ug/l	98
68) m/p-Xylenes	10.305	106	100674	37.640	ug/l	95
69) o-Xylene	10.640	106	49976	19.224	ug/l	96
70) Styrene	10.659	104	81956	19.720	ug/l	98
71) Bromoform	10.799	173	17423	19.333	ug/l #	97
73) Isopropylbenzene	10.963	105	131696	22.976	ug/l	98
74) N-amyl acetate	10.841	43	46912	26.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	40334	22.147	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37248m	23.914	ug/l	
77) Bromobenzene	11.201	156	30453	21.569	ug/l	97
78) n-propylbenzene	11.305	91	150255	23.047	ug/l	99
79) 2-Chlorotoluene	11.366	91	93219	23.760	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	112221	23.606	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8672	21.932	ug/l #	73
82) 4-Chlorotoluene	11.457	91	105997	23.590	ug/l	97
83) tert-Butylbenzene	11.713	119	91798	19.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94065	19.478	ug/l	99
85) sec-Butylbenzene	11.890	105	118009	20.259	ug/l	99
86) p-Isopropyltoluene	12.012	119	96117	19.598	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48385	17.998	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	50833	18.370	ug/l	99
89) n-Butylbenzene	12.335	91	84630	20.606	ug/l	99
90) Hexachloroethane	12.542	117	13681	18.392	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	49472	18.509	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6351	19.052	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	38362	23.647	ug/l	99
94) Hexachlorobutadiene	13.725	225	16758	25.541	ug/l	97
95) Naphthalene	13.774	128	130312	23.442	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39561	24.042	ug/l	98

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

