

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032112.D
 Acq On : 13 Oct 2022 15:43
 Operator : JC/MD
 Sample : VX1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 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 07:52:05 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	5.556	168	71555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	113101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85340	57.750	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.500%			
35) Dibromofluoromethane	5.385	113	63074	49.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	8.646	98	224287	48.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	86330	53.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21139	19.851	ug/l	99
3) Chloromethane	1.288	50	19412	17.408	ug/l	99
4) Vinyl Chloride	1.373	62	22147	16.994	ug/l	97
5) Bromomethane	1.611	94	15201	15.533	ug/l	100
6) Chloroethane	1.684	64	15246	13.748	ug/l	98
7) Trichlorofluoromethane	1.886	101	36173	15.442	ug/l	98
8) Diethyl Ether	2.129	74	13252	16.597	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16672	14.081	ug/l	94
10) Methyl Iodide	2.452	142	15006	14.524	ug/l	98
11) Tert butyl alcohol	2.989	59	16494	89.710	ug/l	98
12) 1,1-Dichloroethene	2.318	96	14917	13.686	ug/l	92
13) Acrolein	2.239	56	7840	62.246	ug/l	98
14) Allyl chloride	2.666	41	23267	15.003	ug/l	98
15) Acrylonitrile	3.068	53	48640	82.987	ug/l	96
16) Acetone	2.392	43	38793	77.241	ug/l	95
17) Carbon Disulfide	2.513	76	27661	11.818	ug/l	97
18) Methyl Acetate	2.702	43	28010	16.903	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	60201	16.460	ug/l	96
20) Methylene Chloride	2.788	84	19042	14.428	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	17474	14.477	ug/l	96
22) Diisopropyl ether	3.757	45	76397	21.913	ug/l #	82
23) Vinyl Acetate	3.721	43	298201	114.428	ug/l	100
24) 1,1-Dichloroethane	3.611	63	33626	16.090	ug/l	94
25) 2-Butanone	4.568	43	84925	108.170	ug/l	98
26) 2,2-Dichloropropane	4.470	77	29686	19.776	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	27043	18.725	ug/l	94
28) Bromochloromethane	4.903	49	21228	23.731	ug/l	95
29) Tetrahydrofuran	5.013	42	53591	105.792	ug/l	96
30) Chloroform	5.092	83	48660	20.903	ug/l	98
31) Cyclohexane	5.470	56	34434	19.505	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40611	20.529	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32062	18.886	ug/l	99
37) Ethyl Acetate	4.720	43	34399	21.523	ug/l	100
38) Carbon Tetrachloride	5.678	117	33765	19.452	ug/l	94
39) Methylcyclohexane	7.385	83	37082	18.312	ug/l	94
40) Benzene	6.037	78	94989	19.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18864	22.697	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41040	22.655	ug/l	98
43) Isopropyl Acetate	6.342	43	55510	22.891	ug/l	99
44) Trichloroethene	7.128	130	25934	17.792	ug/l	99
45) 1,2-Dichloropropane	7.433	63	24602	20.138	ug/l	100
46) Dibromomethane	7.586	93	18596	19.641	ug/l	92
47) Bromodichloromethane	7.823	83	34769	21.258	ug/l	98
48) Methyl methacrylate	7.695	41	27206	23.479	ug/l	96
49) 1,4-Dioxane	7.695	88	11157	382.982	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	180677	112.432	ug/l	100
52) Toluene	8.720	92	60992	18.765	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	32454	19.195	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36124	20.394	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	27191	19.821	ug/l	99
56) Ethyl methacrylate	9.116	69	37966	21.591	ug/l	97
57) 1,3-Dichloropropane	9.311	76	45299	20.549	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	87985	96.930	ug/l	95
59) 2-Hexanone	9.433	43	133917	113.021	ug/l	99
60) Dibromochloromethane	9.524	129	25954	20.673	ug/l	96
61) 1,2-Dibromoethane	9.610	107	27355	19.829	ug/l	100
64) Tetrachloroethene	9.274	164	25415	18.444	ug/l	94
65) Chlorobenzene	10.079	112	68521	18.528	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	24934	19.485	ug/l	99
67) Ethyl Benzene	10.195	91	119600	19.117	ug/l	98
68) m/p-Xylenes	10.305	106	91846	36.943	ug/l	96
69) o-Xylene	10.646	106	45202	18.706	ug/l	96
70) Styrene	10.658	104	75174	19.460	ug/l	99
71) Bromoform	10.799	173	16463	19.652	ug/l #	99
73) Isopropylbenzene	10.963	105	121878	19.228	ug/l	98
74) N-amyl acetate	10.847	43	43427	22.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40126	19.924	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	37105m	21.542	ug/l	
77) Bromobenzene	11.201	156	29299	18.765	ug/l	97
78) n-propylbenzene	11.305	91	140115	19.434	ug/l	98
79) 2-Chlorotoluene	11.366	91	86309	19.893	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	105375	20.044	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8235	19.341	ug/l #	71
82) 4-Chlorotoluene	11.457	91	98456	19.814	ug/l	98
83) tert-Butylbenzene	11.713	119	103177	19.830	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	105441	19.743	ug/l	97
85) sec-Butylbenzene	11.890	105	130308	20.229	ug/l	98
86) p-Isopropyltoluene	12.012	119	108122	19.935	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	55348	18.617	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55816	18.240	ug/l	98
89) n-Butylbenzene	12.335	91	93600	20.608	ug/l	98
90) Hexachloroethane	12.542	117	15591	18.913	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	55362	18.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8501	23.060	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	33785	18.832	ug/l	98
94) Hexachlorobutadiene	13.725	225	13918	19.182	ug/l	98
95) Naphthalene	13.774	128	123708	20.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35203	19.345	ug/l	99

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

