

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031490.D
 Acq On : 20 Sep 2022 12:31
 Operator : JC/MD
 Sample : VX0920MBS01
 Misc : 5.0G/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 14:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48763	53.252	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.500%			
35) Dibromofluoromethane	5.385	113	40257	51.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.060%			
50) Toluene-d8	8.647	98	150021	49.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	50429	49.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	16004	22.305	ug/l	97
3) Chloromethane	1.288	50	18720	19.667	ug/l	100
4) Vinyl Chloride	1.374	62	21656	19.952	ug/l	99
5) Bromomethane	1.612	94	32535	21.052	ug/l	97
6) Chloroethane	1.685	64	22813	22.642	ug/l	98
7) Trichlorofluoromethane	1.886	101	43984	17.865	ug/l	98
8) Diethyl Ether	2.136	74	15014	17.707	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	15428	19.200	ug/l	93
10) Methyl Iodide	2.453	142	15662	20.146	ug/l	98
11) Tert butyl alcohol	2.983	59	20450	84.633	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13988	18.008	ug/l	88
13) Acrolein	2.239	56	9542	88.566	ug/l	98
14) Allyl chloride	2.666	41	21506	16.978	ug/l	92
15) Acrylonitrile	3.069	53	45672	94.830	ug/l	98
16) Acetone	2.386	43	39558	101.155	ug/l	98
17) Carbon Disulfide	2.508	76	36599	17.487	ug/l	98
18) Methyl Acetate	2.703	43	24856	18.175	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	52584	18.718	ug/l	95
20) Methylene Chloride	2.788	84	17353	19.812	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16375	18.668	ug/l	91
22) Diisopropyl ether	3.764	45	50019	18.234	ug/l	95
23) Vinyl Acetate	3.721	43	215508	91.866	ug/l	97
24) 1,1-Dichloroethane	3.605	63	28231	18.211	ug/l	95
25) 2-Butanone	4.562	43	65676	92.950	ug/l	97
26) 2,2-Dichloropropane	4.483	77	23059	16.840	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	19303	18.259	ug/l	88
28) Bromochloromethane	4.904	49	12499	20.183	ug/l	85
29) Tetrahydrofuran	5.013	42	42146	91.465	ug/l	96
30) Chloroform	5.093	83	31395	18.466	ug/l	99
31) Cyclohexane	5.471	56	23898	17.605	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	28151	18.230	ug/l	99
36) 1,1-Dichloropropene	5.696	75	21914	18.234	ug/l	98
37) Ethyl Acetate	4.721	43	26190	18.266	ug/l	98
38) Carbon Tetrachloride	5.678	117	24251	18.204	ug/l	98
39) Methylcyclohexane	7.379	83	26608	17.993	ug/l	93
40) Benzene	6.038	78	67637	18.864	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12564	17.600	ug/l	92
42) 1,2-Dichloroethane	6.092	62	25142	19.024	ug/l	100
43) Isopropyl Acetate	6.342	43	41416	18.794	ug/l	99
44) Trichloroethene	7.123	130	18717	18.411	ug/l	87
45) 1,2-Dichloropropane	7.434	63	16976	18.835	ug/l	95
46) Dibromomethane	7.580	93	12989	18.722	ug/l	92
47) Bromodichloromethane	7.824	83	24036	18.427	ug/l	98
48) Methyl methacrylate	7.696	41	18227	18.105	ug/l	90
49) 1,4-Dioxane	7.690	88	9449	410.979	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	135095	95.313	ug/l	99
52) Toluene	8.720	92	43675	18.677	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24324	18.021	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26423	17.899	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	17700	18.370	ug/l	95
56) Ethyl methacrylate	9.116	69	25866	18.874	ug/l	94
57) 1,3-Dichloropropane	9.311	76	30127	19.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	54153	95.459	ug/l	97
59) 2-Hexanone	9.433	43	102853	96.622	ug/l	99
60) Dibromochloromethane	9.525	129	18494	18.075	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19444	18.732	ug/l	95
64) Tetrachloroethene	9.275	164	18885	18.609	ug/l	93
65) Chlorobenzene	10.080	112	48309	18.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18180	19.339	ug/l	98
67) Ethyl Benzene	10.195	91	84103	18.282	ug/l	99
68) m/p-Xylenes	10.305	106	67318	36.412	ug/l	96
69) o-Xylene	10.640	106	32337	18.325	ug/l	97
70) Styrene	10.659	104	52105	17.934	ug/l	98
71) Bromoform	10.799	173	13330	17.722	ug/l #	96
73) Isopropylbenzene	10.964	105	84055	18.769	ug/l	99
74) N-amyl acetate	10.842	43	34551	19.035	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30219	22.753	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	25862m	19.322	ug/l	
77) Bromobenzene	11.201	156	20786	18.832	ug/l	92
78) n-propylbenzene	11.305	91	98331	19.085	ug/l	100
79) 2-Chlorotoluene	11.366	91	57409	18.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	70454	18.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7294	17.547	ug/l	89
82) 4-Chlorotoluene	11.457	91	66339	18.433	ug/l	98
83) tert-Butylbenzene	11.713	119	70587	19.163	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	69709	18.624	ug/l	99
85) sec-Butylbenzene	11.890	105	87996	18.876	ug/l	100
86) p-Isopropyltoluene	12.012	119	74243	18.860	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40326	19.062	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41499	18.807	ug/l	97
89) n-Butylbenzene	12.335	91	62111	18.523	ug/l	98
90) Hexachloroethane	12.543	117	12103	17.893	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	39538	18.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5804	18.861	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	23186	19.752	ug/l	98
94) Hexachlorobutadiene	13.725	225	8978	19.426	ug/l	98
95) Naphthalene	13.774	128	83602	19.446	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23990	19.828	ug/l	96

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

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