

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037918.D
 Acq On : 27 Sep 2023 12:39
 Operator : JC/MD
 Sample : VX0927MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 28 01:18:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227341	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	374575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153770	51.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.385	113	132614	52.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	8.647	98	488847	52.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.980%			
62) 4-Bromofluorobenzene	11.079	95	187949	55.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38597	16.107	ug/l	99
3) Chloromethane	1.301	50	42387	16.258	ug/l	99
4) Vinyl Chloride	1.374	62	47444	16.867	ug/l	98
5) Bromomethane	1.605	94	37182	18.465	ug/l	99
6) Chloroethane	1.691	64	33649	17.365	ug/l	100
7) Trichlorofluoromethane	1.892	101	83819	18.536	ug/l	98
8) Diethyl Ether	2.136	74	31929	18.225	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	42416	18.483	ug/l	95
10) Methyl Iodide	2.453	142	51841	17.070	ug/l	92
11) Tert butyl alcohol	2.953	59	49735	77.574	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	39740	17.918	ug/l	83
13) Acrolein	2.240	56	49640	78.373	ug/l	99
14) Allyl chloride	2.666	41	62448	16.905	ug/l	97
15) Acrylonitrile	3.063	53	125625	88.129	ug/l	98
16) Acetone	2.380	43	108251	75.337	ug/l #	87
17) Carbon Disulfide	2.514	76	82346	14.808	ug/l	98
18) Methyl Acetate	2.703	43	93907	18.117	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	147714	18.105	ug/l	100
20) Methylene Chloride	2.794	84	49636	18.669	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	44114	17.912	ug/l	89
22) Diisopropyl ether	3.764	45	141704	18.416	ug/l #	91
23) Vinyl Acetate	3.721	43	506160	89.433	ug/l	96
24) 1,1-Dichloroethane	3.611	63	83946	18.206	ug/l	98
25) 2-Butanone	4.556	43	164794	81.272	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	66429	17.830	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	55191	18.279	ug/l	91
28) Bromochloromethane	4.898	49	40043	18.616	ug/l #	81
29) Tetrahydrofuran	5.007	42	103224	81.842	ug/l #	87
30) Chloroform	5.099	83	93560	18.836	ug/l	96
31) Cyclohexane	5.471	56	65005	16.956	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	78822	18.742	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62680	18.155	ug/l	96
37) Ethyl Acetate	4.721	43	65147	17.164	ug/l	96
38) Carbon Tetrachloride	5.684	117	66665	18.454	ug/l	98
39) Methylcyclohexane	7.385	83	75573	17.247	ug/l	90
40) Benzene	6.044	78	191072	17.997	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34288	17.717	ug/l #	89
42) 1,2-Dichloroethane	6.093	62	71142	18.539	ug/l	97
43) Isopropyl Acetate	6.342	43	106924	17.618	ug/l	96
44) Trichloroethene	7.129	130	51899	17.553	ug/l	96
45) 1,2-Dichloropropane	7.434	63	51509	18.682	ug/l	99
46) Dibromomethane	7.586	93	37072	18.691	ug/l	93
47) Bromodichloromethane	7.824	83	68791	18.832	ug/l	100
48) Methyl methacrylate	7.696	41	49647	17.112	ug/l #	85
49) 1,4-Dioxane	7.659	88	23408	307.748	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	338300	87.855	ug/l	95
52) Toluene	8.720	92	127081	18.572	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	70844	18.548	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78418	18.551	ug/l	88
55) 1,1,2-Trichloroethane	9.153	97	54723	18.969	ug/l	95
56) Ethyl methacrylate	9.116	69	76920	17.860	ug/l	91
57) 1,3-Dichloropropane	9.311	76	88631	18.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	175563	87.299	ug/l	99
59) 2-Hexanone	9.427	43	256249	85.470	ug/l	94
60) Dibromochloromethane	9.519	129	54607	19.001	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57824	18.931	ug/l	100
64) Tetrachloroethene	9.275	164	44660	18.126	ug/l	95
65) Chlorobenzene	10.080	112	143221	18.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51882	18.787	ug/l	99
67) Ethyl Benzene	10.195	91	248714	18.408	ug/l	99
68) m/p-Xylenes	10.299	106	192911	36.951	ug/l	97
69) o-Xylene	10.640	106	93314	17.824	ug/l	99
70) Styrene	10.659	104	159401	18.966	ug/l	96
71) Bromoform	10.799	173	39235	17.984	ug/l #	99
73) Isopropylbenzene	10.964	105	252665	17.176	ug/l	98
74) N-amyl acetate	10.842	43	96263	16.159	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	88880	17.180	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76545m	16.506	ug/l	
77) Bromobenzene	11.195	156	63656	17.484	ug/l	87
78) n-propylbenzene	11.305	91	298134	17.946	ug/l	100
79) 2-Chlorotoluene	11.366	91	175401	17.124	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	217086	17.475	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21656	14.959	ug/l	96
82) 4-Chlorotoluene	11.451	91	206168	17.878	ug/l	95
83) tert-Butylbenzene	11.713	119	214381	17.075	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	217449	17.593	ug/l	98
85) sec-Butylbenzene	11.890	105	276822	18.174	ug/l	100
86) p-Isopropyltoluene	12.006	119	231823	18.267	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	125656	18.514	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	126517	18.217	ug/l	98
89) n-Butylbenzene	12.329	91	210618	18.945	ug/l	97
90) Hexachloroethane	12.536	117	36107	16.792	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	123929	17.885	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16752	16.244	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	81877	20.059	ug/l	96
94) Hexachlorobutadiene	13.725	225	34756	18.234	ug/l	98
95) Naphthalene	13.774	128	250068	18.115	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78799	18.759	ug/l	97

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

