

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037815.D
 Acq On : 19 Sep 2023 18:46
 Operator : JC/MD
 Sample : VX0919MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 01:07:41 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	226932	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	375786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158310	53.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.385	113	134598	53.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.647	98	502499	53.786	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.580%			
62) 4-Bromofluorobenzene	11.079	95	188617	55.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44385	18.556	ug/l	98
3) Chloromethane	1.301	50	48240	18.536	ug/l	96
4) Vinyl Chloride	1.374	62	53425	19.028	ug/l	98
5) Bromomethane	1.605	94	40932	20.364	ug/l	96
6) Chloroethane	1.691	64	35564	18.387	ug/l	99
7) Trichlorofluoromethane	1.892	101	88593	19.627	ug/l	99
8) Diethyl Ether	2.136	74	34761	19.877	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	44570	19.456	ug/l	97
10) Methyl Iodide	2.453	142	54671	18.034	ug/l	92
11) Tert butyl alcohol	2.953	59	69744	108.978	ug/l	97
12) 1,1-Dichloroethene	2.319	96	43029	19.436	ug/l	84
13) Acrolein	2.233	56	60371	95.487	ug/l	99
14) Allyl chloride	2.666	41	68068	18.460	ug/l #	96
15) Acrylonitrile	3.062	53	137139	96.379	ug/l	100
16) Acetone	2.380	43	114739	79.996	ug/l #	88
17) Carbon Disulfide	2.514	76	98706	17.782	ug/l	99
18) Methyl Acetate	2.703	43	100101	19.346	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	160014	19.648	ug/l	98
20) Methylene Chloride	2.794	84	54895	20.687	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	48257	19.630	ug/l	91
22) Diisopropyl ether	3.764	45	152475	19.852	ug/l #	89
23) Vinyl Acetate	3.721	43	560562	99.223	ug/l	96
24) 1,1-Dichloroethane	3.611	63	88608	19.252	ug/l	99
25) 2-Butanone	4.556	43	179456	88.662	ug/l	92
26) 2,2-Dichloropropane	4.483	77	62007	16.673	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	58846	19.525	ug/l	89
28) Bromochloromethane	4.897	49	40626	18.921	ug/l #	80
29) Tetrahydrofuran	5.007	42	117797	93.565	ug/l	90
30) Chloroform	5.099	83	96860	19.536	ug/l	98
31) Cyclohexane	5.471	56	72943	19.061	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	83751	19.950	ug/l	97
36) 1,1-Dichloropropene	5.696	75	66431	19.179	ug/l	95
37) Ethyl Acetate	4.715	43	70833	18.602	ug/l	96
38) Carbon Tetrachloride	5.678	117	70590	19.478	ug/l	94
39) Methylcyclohexane	7.385	83	85208	19.383	ug/l	93
40) Benzene	6.044	78	206146	19.354	ug/l	100

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41) Methacrylonitrile	4.922	41	37784	19.460	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	75642	19.649	ug/l	97
43) Isopropyl Acetate	6.342	43	116535	19.139	ug/l #	96
44) Trichloroethene	7.129	130	55757	18.797	ug/l	98
45) 1,2-Dichloropropane	7.434	63	53587	19.373	ug/l	95
46) Dibromomethane	7.586	93	39828	20.016	ug/l	92
47) Bromodichloromethane	7.824	83	73598	20.084	ug/l	97
48) Methyl methacrylate	7.696	41	55977	19.231	ug/l #	87
49) 1,4-Dioxane	7.659	88	27817	364.535	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	374966	97.064	ug/l	95
52) Toluene	8.720	92	133952	19.514	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	74593	19.467	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	82177	19.378	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	57970	20.030	ug/l	96
56) Ethyl methacrylate	9.116	69	85194	19.718	ug/l	90
57) 1,3-Dichloropropane	9.311	76	92470	19.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	194238	96.274	ug/l	98
59) 2-Hexanone	9.433	43	280027	93.100	ug/l	93
60) Dibromochloromethane	9.525	129	56564	19.619	ug/l	98
61) 1,2-Dibromoethane	9.610	107	61239	19.985	ug/l	98
64) Tetrachloroethene	9.275	164	48072	19.650	ug/l	97
65) Chlorobenzene	10.079	112	148579	19.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53576	19.539	ug/l	99
67) Ethyl Benzene	10.195	91	261873	19.521	ug/l	100
68) m/p-Xylenes	10.299	106	204851	39.518	ug/l	95
69) o-Xylene	10.640	106	100420	19.318	ug/l	96
70) Styrene	10.659	104	165410	19.821	ug/l	96
71) Bromoform	10.799	173	41294	19.064	ug/l #	99
73) Isopropylbenzene	10.963	105	262203	18.455	ug/l	98
74) N-amyl acetate	10.842	43	105559	18.345	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	93807	18.774	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79769m	17.809	ug/l	
77) Bromobenzene	11.201	156	66741	18.979	ug/l	87
78) n-propylbenzene	11.305	91	308005	19.196	ug/l	99
79) 2-Chlorotoluene	11.366	91	181709	18.367	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	226007	18.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23538	16.834	ug/l	92
82) 4-Chlorotoluene	11.457	91	211844	19.020	ug/l	96
83) tert-Butylbenzene	11.713	119	226567	18.684	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	225645	18.902	ug/l	97
85) sec-Butylbenzene	11.890	105	285965	19.438	ug/l	100
86) p-Isopropyltoluene	12.012	119	236344	19.282	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	126928	19.363	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	127589	19.021	ug/l	99
89) n-Butylbenzene	12.335	91	219293	20.423	ug/l	97
90) Hexachloroethane	12.536	117	37109	17.869	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	126625	18.920	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18406	18.479	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	83960	21.297	ug/l	97
94) Hexachlorobutadiene	13.725	225	37556	20.399	ug/l	98
95) Naphthalene	13.774	128	272769	20.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84304	20.780	ug/l	97

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

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