

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037724.D
 Acq On : 14 Sep 2023 12:54
 Operator : JC/MD
 Sample : VX0914MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBSD01

Quant Time: Sep 14 16:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Semsettin Yesilyurt 09/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	208978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148339	43.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.740%
35) Dibromofluoromethane	5.385	113	123497	50.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	8.647	98	453375	49.168	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	168285	50.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41311	18.030	ug/l	98
3) Chloromethane	1.301	50	43682	16.735	ug/l	96
4) Vinyl Chloride	1.374	62	47767	16.268	ug/l	100
5) Bromomethane	1.599	94	36965	15.051	ug/l	98
6) Chloroethane	1.685	64	33725	16.705	ug/l	96
7) Trichlorofluoromethane	1.886	101	81144	16.703	ug/l	97
8) Diethyl Ether	2.136	74	32778	17.001	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	42126	19.344	ug/l	97
10) Methyl Iodide	2.453	142	51876	20.171	ug/l	93
11) Tert butyl alcohol	2.959	59	63849	84.021	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	38044	17.695	ug/l	89
13) Acrolein	2.239	56	58610	106.096	ug/l	97
14) Allyl chloride	2.666	41	64939	17.241	ug/l	97
15) Acrylonitrile	3.062	53	138000	88.998	ug/l	99
16) Acetone	2.380	43	123907	90.646	ug/l	# 88
17) Carbon Disulfide	2.514	76	84545	15.468	ug/l	99
18) Methyl Acetate	2.703	43	102414	17.741	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	154564	18.210	ug/l	98
20) Methylene Chloride	2.788	84	52143	18.937	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	42945	17.361	ug/l	92
22) Diisopropyl ether	3.757	45	144812	17.648	ug/l	96
23) Vinyl Acetate	3.721	43	532850	89.030	ug/l	97
24) 1,1-Dichloroethane	3.611	63	85300	17.839	ug/l	100
25) 2-Butanone	4.556	43	192567	86.398	ug/l	94
26) 2,2-Dichloropropane	4.471	77	64077	19.265	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	54127	17.944	ug/l	90
28) Bromochloromethane	4.897	49	41202	17.056	ug/l	# 83
29) Tetrahydrofuran	5.001	42	120644	85.000	ug/l	90
30) Chloroform	5.099	83	90436	17.513	ug/l	93
31) Cyclohexane	5.471	56	66200	17.003	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	77646	18.066	ug/l	98
36) 1,1-Dichloropropene	5.696	75	60455	18.176	ug/l	97
37) Ethyl Acetate	4.715	43	73146	19.220	ug/l	97
38) Carbon Tetrachloride	5.672	117	63433	18.668	ug/l	99
39) Methylcyclohexane	7.379	83	76955	19.553	ug/l	93
40) Benzene	6.038	78	191309	18.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	37580	18.747	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	72438	18.381	ug/l		97
43) Isopropyl Acetate	6.342	43	116041	19.112	ug/l		97
44) Trichloroethene	7.129	130	49610	19.692	ug/l		95
45) 1,2-Dichloropropane	7.434	63	51794	19.464	ug/l		97
46) Dibromomethane	7.580	93	37414	19.326	ug/l		93
47) Bromodichloromethane	7.824	83	67016	19.176	ug/l		100
48) Methyl methacrylate	7.696	41	54435	18.547	ug/l	#	86
49) 1,4-Dioxane	7.659	88	31567	434.117	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	382553	95.955	ug/l		97
52) Toluene	8.720	92	124362	19.182	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	69014	19.478	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	76356	19.640	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	54448	19.945	ug/l		95
56) Ethyl methacrylate	9.116	69	81080	19.412	ug/l		91
57) 1,3-Dichloropropane	9.311	76	89098	19.458	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	206038	101.734	ug/l		99
59) 2-Hexanone	9.427	43	293590	95.402	ug/l		94
60) Dibromochloromethane	9.519	129	52219	19.474	ug/l		100
61) 1,2-Dibromoethane	9.610	107	56948	19.407	ug/l		100
64) Tetrachloroethene	9.275	164	43243	20.785	ug/l		97
65) Chlorobenzene	10.079	112	135868	19.851	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48597	20.602	ug/l		97
67) Ethyl Benzene	10.195	91	239458	19.660	ug/l		98
68) m/p-Xylenes	10.299	106	187062	40.278	ug/l		98
69) o-Xylene	10.640	106	93117	20.110	ug/l		99
70) Styrene	10.653	104	152761	20.222	ug/l		96
71) Bromoform	10.799	173	37579	20.360	ug/l	#	100
73) Isopropylbenzene	10.963	105	245601	19.449	ug/l		98
74) N-amyl acetate	10.842	43	103535	18.802	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	90524	19.156	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	70965m	19.138	ug/l		
77) Bromobenzene	11.195	156	59409	19.852	ug/l		90
78) n-propylbenzene	11.305	91	281474	19.374	ug/l		99
79) 2-Chlorotoluene	11.366	91	168987	18.896	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	211826	19.959	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	21816	17.884	ug/l		97
82) 4-Chlorotoluene	11.457	91	194307	19.020	ug/l		97
83) tert-Butylbenzene	11.713	119	208325	19.540	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	210971	19.717	ug/l		98
85) sec-Butylbenzene	11.890	105	260015	19.754	ug/l		99
86) p-Isopropyltoluene	12.006	119	214809	19.916	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	112596	19.596	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	114557	19.399	ug/l		99
89) n-Butylbenzene	12.329	91	186814	19.124	ug/l		98
90) Hexachloroethane	12.536	117	35299	19.395	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	115361	20.067	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17856	18.402	ug/l		78
93) 1,2,4-Trichlorobenzene	13.585	180	69129	20.191	ug/l		96
94) Hexachlorobutadiene	13.725	225	31182	21.803	ug/l		97
95) Naphthalene	13.774	128	239827	19.338	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	69184	19.695	ug/l		98

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

09/14/2023
 Supervised By :Semsettin
 Yesilyurt

09/15/2023

