Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
Data File : VX037305.D
Acq On : 28 Aug 2023 19:26
Operator : JC/MD
Sample : 04126-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 29 01:02:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :John Carlone
08/29/2023
Supervised By :Semsettin Yesilyurt
08/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	117167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100613	59.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.120%#			
35) Dibromofluoromethane	5.385	113	83837	56.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.320%			
50) Toluene-d8	8.646	98	291884	54.384	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.760%			
62) 4-Bromofluorobenzene	11.079	95	118488	56.177	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54513	40.053	ug/l	98
3) Chloromethane	1.300	50	83094	69.785	ug/l	97
4) Vinyl Chloride	1.373	62	73586	56.776	ug/l	98
5) Bromomethane	1.599	94	35084	54.344	ug/l	95
6) Chloroethane	1.672	64	42779	56.090	ug/l	96
7) Trichlorofluoromethane	1.879	101	94579	44.548	ug/l	97
8) Diethyl Ether	2.135	74	51613	62.836	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.324	101	46816	37.799	ug/l	97
10) Methyl Iodide	2.446	142	92053	61.152	ug/l	95
11) Tert butyl alcohol	2.971	59	124868	315.132	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	62702	51.987	ug/l	88
13) Acrolein	2.233	56	76646	254.268	ug/l	99
14) Allyl chloride	2.660	41	106849	57.235	ug/l #	89
15) Acrylonitrile	3.062	53	229744	324.846	ug/l	99
16) Acetone	2.379	43	193813	293.291	ug/l #	89
17) Carbon Disulfide	2.507	76	145325	47.369	ug/l	99
18) Methyl Acetate	2.702	43	138131	55.516	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	277913	60.755	ug/l	96
20) Methylene Chloride	2.788	84	88381	59.806	ug/l #	87
21) trans-1,2-Dichloroethene	3.086	96	75469	55.044	ug/l	87
22) Diisopropyl ether	3.763	45	229954	60.027	ug/l #	78
23) Vinyl Acetate	3.721	43	810913	276.231	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	144029	59.955	ug/l	97
25) 2-Butanone	4.556	43	306708	308.250	ug/l #	87
26) 2,2-Dichloropropane	4.470	77	91117	42.471	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	96004	59.395	ug/l	86
28) Bromochloromethane	4.897	49	62369	58.118	ug/l #	74
29) Tetrahydrofuran	5.001	42	195719	308.443	ug/l #	82
30) Chloroform	5.092	83	160371	59.469	ug/l	96
31) Cyclohexane	5.470	56	79674	41.948	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	129650	53.650	ug/l	96
36) 1,1-Dichloropropene	5.690	75	94587	44.996	ug/l	97
37) Ethyl Acetate	4.714	43	108328	50.448	ug/l #	93
38) Carbon Tetrachloride	5.677	117	105561	46.228	ug/l	98
39) Methylcyclohexane	7.378	83	83920	37.997	ug/l	90
40) Benzene	6.037	78	332144	55.092	ug/l	98

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41) Methacrylonitrile	4.915	41	62948	56.390	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	126662	53.573	ug/l		95
43) Isopropyl Acetate	6.342	43	177657	52.112	ug/l	#	91
44) Trichloroethene	7.122	130	87884	51.408	ug/l		97
45) 1,2-Dichloropropane	7.433	63	84083	56.563	ug/l		98
46) Dibromomethane	7.580	93	64746	55.288	ug/l		94
47) Bromodichloromethane	7.823	83	123475	55.048	ug/l		97
48) Methyl methacrylate	7.695	41	91487	55.027	ug/l	#	85
49) 1,4-Dioxane	7.659	88	58274	1301.456	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.573	43	595492	287.659	ug/l		90
52) Toluene	8.720	92	216845	54.437	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	126496	52.965	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	136705	52.968	ug/l	#	86
55) 1,1,2-Trichloroethane	9.152	97	94129	58.031	ug/l		97
56) Ethyl methacrylate	9.116	69	145811	57.391	ug/l	#	84
57) 1,3-Dichloropropane	9.311	76	155027	56.696	ug/l		99
59) 2-Hexanone	9.433	43	470270	297.936	ug/l		87
60) Dibromochloromethane	9.518	129	99233	57.461	ug/l		99
61) 1,2-Dibromoethane	9.610	107	100828	56.775	ug/l		100
64) Tetrachloroethene	9.274	164	63483	40.845	ug/l		98
65) Chlorobenzene	10.079	112	235550	52.310	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.164	131	91999	55.356	ug/l		100
67) Ethyl Benzene	10.195	91	405996	51.239	ug/l		99
68) m/p-Xylenes	10.299	106	319120	104.292	ug/l		98
69) o-Xylene	10.640	106	163756	54.243	ug/l		97
70) Styrene	10.652	104	271838	54.664	ug/l		96
71) Bromoform	10.799	173	72361	58.207	ug/l	#	98
73) Isopropylbenzene	10.963	105	396383	49.719	ug/l		98
74) N-amyl acetate	10.841	43	154613	49.910	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	153484	57.165	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	123885m	53.034	ug/l		
77) Bromobenzene	11.201	156	103718	53.268	ug/l		91
78) n-propylbenzene	11.305	91	442590	49.855	ug/l		99
79) 2-Chlorotoluene	11.365	91	293366	51.712	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	348735	52.437	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	41903	50.103	ug/l		87
82) 4-Chlorotoluene	11.451	91	331710	50.653	ug/l		98
83) tert-Butylbenzene	11.713	119	342328	53.973	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	357641	53.210	ug/l		98
85) sec-Butylbenzene	11.890	105	384635	51.919	ug/l		98
86) p-Isopropyltoluene	12.006	119	338766	53.119	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	187570	51.454	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	189283	50.257	ug/l		99
89) n-Butylbenzene	12.335	91	258637	48.915	ug/l		99
90) Hexachloroethane	12.536	117	63707	59.849	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	197193	55.242	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	35930	57.592	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	107211	51.330	ug/l		98
94) Hexachlorobutadiene	13.725	225	36178	44.836	ug/l		99
95) Naphthalene	13.774	128	428659	46.852	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	111331	53.650	ug/l		99

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

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