Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
Data File : VX040260.D
Acq On : 15 Feb 2024 18:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 16 00:54:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	75729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53797	47.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.500%			
35) Dibromofluoromethane	5.385	113	42853	47.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	8.647	98	159398	46.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.580%			
62) 4-Bromofluorobenzene	11.079	95	66146	47.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	43911	51.332	ug/l	99
3) Chloromethane	1.295	50	41343	46.868	ug/l	97
4) Vinyl Chloride	1.374	62	44651	47.899	ug/l	99
5) Bromomethane	1.599	94	28996	55.121	ug/l	96
6) Chloroethane	1.679	64	28260	48.068	ug/l	99
7) Trichlorofluoromethane	1.886	101	73379	49.016	ug/l	99
8) Diethyl Ether	2.136	74	27466	48.841	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	39617	49.335	ug/l	95
10) Methyl Iodide	2.453	142	48266	54.139	ug/l	92
11) Tert butyl alcohol	2.959	59	53203	242.439	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	38438	49.715	ug/l	90
13) Acrolein	2.233	56	54302	268.087	ug/l	99
14) Allyl chloride	2.660	41	64839	48.324	ug/l	95
15) Acrylonitrile	3.062	53	126797	258.235	ug/l	99
16) Acetone	2.380	43	107973	233.347	ug/l	94
17) Carbon Disulfide	2.508	76	92353	45.245	ug/l	100
18) Methyl Acetate	2.703	43	55593	44.818	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	139121	51.075	ug/l	97
20) Methylene Chloride	2.788	84	44524	51.372	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	41690	47.345	ug/l	91
22) Diisopropyl ether	3.757	45	141808	52.113	ug/l	98
23) Vinyl Acetate	3.721	43	654139	269.661	ug/l	97
24) 1,1-Dichloroethane	3.605	63	79334	50.050	ug/l	98
25) 2-Butanone	4.556	43	178638	246.982	ug/l	95
26) 2,2-Dichloropropane	4.471	77	61833	50.675	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	50894	50.665	ug/l	92
28) Bromochloromethane	4.904	49	31428	46.700	ug/l	93
29) Tetrahydrofuran	5.001	42	117653	249.680	ug/l	95
30) Chloroform	5.093	83	87295	50.938	ug/l	95
31) Cyclohexane	5.471	56	63513	47.264	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	73416	50.922	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60610	47.510	ug/l	98
37) Ethyl Acetate	4.715	43	69514	48.970	ug/l	99
38) Carbon Tetrachloride	5.672	117	59670	49.193	ug/l	96
39) Methylcyclohexane	7.379	83	69369	46.790	ug/l	96
40) Benzene	6.038	78	175885	49.302	ug/l	99

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41) Methacrylonitrile	4.922	41	37470	49.793	ug/l		91
42) 1,2-Dichloroethane	6.086	62	69912	50.136	ug/l		99
43) Isopropyl Acetate	6.336	43	112167	50.619	ug/l		98
44) Trichloroethene	7.123	130	47193	47.957	ug/l		95
45) 1,2-Dichloropropane	7.428	63	48303	52.019	ug/l		98
46) Dibromomethane	7.580	93	35427	51.803	ug/l		97
47) Bromodichloromethane	7.818	83	68019	51.619	ug/l		94
48) Methyl methacrylate	7.690	41	56492	49.823	ug/l		91
49) 1,4-Dioxane	7.659	88	21595	875.481	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.574	43	386404	255.405	ug/l		99
52) Toluene	8.720	92	115972	49.629	ug/l		94
53) t-1,3-Dichloropropene	8.976	75	73648	47.044	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	77675	52.597	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	49858	50.025	ug/l		90
56) Ethyl methacrylate	9.116	69	80038	53.643	ug/l		96
57) 1,3-Dichloropropane	9.305	76	84088	51.690	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	187818	266.095	ug/l		98
59) 2-Hexanone	9.427	43	307258	256.154	ug/l		99
60) Dibromochloromethane	9.519	129	52602	51.803	ug/l		98
61) 1,2-Dibromoethane	9.610	107	54518	51.461	ug/l		100
64) Tetrachloroethene	9.275	164	43537	48.970	ug/l		94
65) Chlorobenzene	10.080	112	128392	48.490	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	46661	50.882	ug/l		96
67) Ethyl Benzene	10.195	91	236585	50.169	ug/l		99
68) m/p-Xylenes	10.299	106	179641	100.864	ug/l		99
69) o-Xylene	10.640	106	88460	51.111	ug/l		99
70) Styrene	10.653	104	150481	52.296	ug/l		98
71) Bromoform	10.799	173	40495	47.121	ug/l	#	100
73) Isopropylbenzene	10.964	105	242521	49.822	ug/l		100
74) N-amyl acetate	10.842	43	111152	53.271	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	86087	49.225	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	71800m	51.302	ug/l		
77) Bromobenzene	11.195	156	58298	50.707	ug/l		94
78) n-propylbenzene	11.305	91	294179	49.917	ug/l		99
79) 2-Chlorotoluene	11.366	91	170096	47.797	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	204933	50.007	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	23361	47.095	ug/l		97
82) 4-Chlorotoluene	11.451	91	204906	48.596	ug/l		99
83) tert-Butylbenzene	11.713	119	194481	48.405	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	206765	49.870	ug/l		100
85) sec-Butylbenzene	11.890	105	261050	50.557	ug/l		99
86) p-Isopropyltoluene	12.006	119	212002	50.088	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	111820	49.087	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	112253	46.535	ug/l		98
89) n-Butylbenzene	12.335	91	203010	49.688	ug/l		97
90) Hexachloroethane	12.536	117	34966	52.373	ug/l		85
91) 1,2-Dichlorobenzene	12.335	146	109349	49.586	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20179	49.993	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	73823	48.897	ug/l		94
94) Hexachlorobutadiene	13.725	225	28417	47.161	ug/l		99
95) Naphthalene	13.774	128	237934	49.898	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	72587	50.439	ug/l		98

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

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