Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011922\
Data File : VX026510.D
Acq On : 19 Jan 2022 11:36
Operator : JC/MD
Sample : VX0119WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 20 05:02:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0119WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72600	47.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.900%			
35) Dibromofluoromethane	5.385	113	55903	49.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.653	98	206321	50.678	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	73357	50.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	22829	17.650	ug/l	98
3) Chloromethane	1.294	50	22462	18.944	ug/l	99
4) Vinyl Chloride	1.380	62	23534	18.905	ug/l	100
5) Bromomethane	1.618	94	12677	22.075	ug/l	99
6) Chloroethane	1.691	64	12322	19.574	ug/l	98
7) Trichlorofluoromethane	1.892	101	36276	18.457	ug/l	99
8) Diethyl Ether	2.136	74	13218	19.005	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23087	19.275	ug/l	100
10) Methyl Iodide	2.459	142	27328	23.755	ug/l	100
11) Tert butyl alcohol	3.007	59	20952	98.434	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	21580	18.865	ug/l	92
13) Acrolein	2.245	56	24318	107.517	ug/l	99
14) Allyl chloride	2.672	41	39630	18.838	ug/l	98
15) Acrylonitrile	3.068	53	61318	93.583	ug/l	99
16) Acetone	2.392	43	70705	90.614	ug/l	99
17) Carbon Disulfide	2.520	76	58714	17.580	ug/l	99
18) Methyl Acetate	2.709	43	28800	18.566	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	76790	18.500	ug/l	99
20) Methylene Chloride	2.794	84	24235	18.798	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	23201	18.735	ug/l	97
22) Diisopropyl ether	3.763	45	82498	19.306	ug/l	98
23) Vinyl Acetate	3.721	43	334222	95.018	ug/l	99
24) 1,1-Dichloroethane	3.611	63	43752	18.959	ug/l	99
25) 2-Butanone	4.568	43	94836	93.458	ug/l	98
26) 2,2-Dichloropropane	4.483	77	30922	18.077	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	26758	18.932	ug/l	100
28) Bromochloromethane	4.904	49	18682	19.715	ug/l	99
29) Tetrahydrofuran	5.013	42	55414	91.947	ug/l	98
30) Chloroform	5.099	83	47213	19.690	ug/l	99
31) Cyclohexane	5.477	56	41877	18.556	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40193	19.056	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33823	18.964	ug/l	98
37) Ethyl Acetate	4.721	43	34755	19.264	ug/l	99
38) Carbon Tetrachloride	5.678	117	35320	19.253	ug/l	94
39) Methylcyclohexane	7.385	83	42729	19.862	ug/l	98
40) Benzene	6.044	78	96287	19.532	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	19461	19.042	ug/l		98
42) 1,2-Dichloroethane	6.092	62	36596	18.974	ug/l		100
43) Isopropyl Acetate	6.342	43	55992	19.213	ug/l		100
44) Trichloroethene	7.129	130	28160	20.131	ug/l		97
45) 1,2-Dichloropropane	7.434	63	24634	20.020	ug/l		96
46) Dibromomethane	7.580	93	17438	20.103	ug/l		98
47) Bromodichloromethane	7.824	83	34464	19.664	ug/l		98
48) Methyl methacrylate	7.690	41	27918	19.330	ug/l		99
49) 1,4-Dioxane	7.702	88	9312	392.886	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	174412	100.899	ug/l		100
52) Toluene	8.720	92	60807	20.115	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	32709	18.681	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	37606	19.977	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	23932	20.287	ug/l		99
56) Ethyl methacrylate	9.116	69	36271	20.063	ug/l		99
57) 1,3-Dichloropropane	9.311	76	41555	20.318	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	90303	95.258	ug/l		100
59) 2-Hexanone	9.433	43	133942	101.240	ug/l		99
60) Dibromochloromethane	9.525	129	25317	20.594	ug/l		100
61) 1,2-Dibromoethane	9.610	107	24691	20.086	ug/l		100
64) Tetrachloroethene	9.275	164	28303	19.633	ug/l		96
65) Chlorobenzene	10.079	112	62922	19.580	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23392	19.590	ug/l		100
67) Ethyl Benzene	10.195	91	115256	19.736	ug/l		99
68) m/p-Xylenes	10.305	106	86806	39.720	ug/l		99
69) o-Xylene	10.640	106	42334	20.075	ug/l		99
70) Styrene	10.659	104	68598	19.935	ug/l		100
71) Bromoform	10.799	173	15831	18.791	ug/l	#	99
73) Isopropylbenzene	10.963	105	112943	19.787	ug/l		99
74) N-amyl acetate	10.841	43	41730	18.937	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	29802	19.452	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	30164m	19.674	ug/l		
77) Bromobenzene	11.201	156	25604	19.580	ug/l		99
78) n-propylbenzene	11.305	91	129272	19.860	ug/l		99
79) 2-Chlorotoluene	11.366	91	77319	19.589	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	93815	19.936	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	7856	19.529	ug/l		95
82) 4-Chlorotoluene	11.457	91	88133	19.428	ug/l		99
83) tert-Butylbenzene	11.713	119	87863	20.001	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	93049	19.770	ug/l		99
85) sec-Butylbenzene	11.890	105	114109	20.082	ug/l		99
86) p-Isopropyltoluene	12.012	119	96732	20.291	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47654	19.442	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	48750	19.650	ug/l		99
89) n-Butylbenzene	12.335	91	82097	20.068	ug/l		100
90) Hexachloroethane	12.542	117	13894	18.882	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	45619	19.695	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6987	18.869	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	28188	18.982	ug/l		97
94) Hexachlorobutadiene	13.725	225	12367	19.728	ug/l		99
95) Naphthalene	13.780	128	96037	19.388	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	28584	19.572	ug/l		99

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

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