Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
Data File : VU049628.D
Acq On : 05 Jul 2022 19:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :Krupa Patel 07/06/2022
Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 07:50:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.369	168	209810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	387568	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	356515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	171017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	169540	52.469	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.940%			
35) Dibromofluoromethane	5.285	113	137747	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	7.896	98	471681	48.771	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.540%			
62) 4-Bromofluorobenzene	10.632	95	186083	50.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	128513	38.118	ug/l	100
3) Chloromethane	1.520	50	175670	42.490	ug/l	98
4) Vinyl Chloride	1.600	62	151651	44.678	ug/l	100
5) Bromomethane	1.832	94	76885	72.845	ug/l	100
6) Chloroethane	1.916	64	93711	59.469	ug/l	98
7) Trichlorofluoromethane	2.128	101	182454	42.177	ug/l	99
8) Diethyl Ether	2.372	74	86844	55.575	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.571	101	105358	45.266	ug/l	96
10) Methyl Iodide	2.716	142	179929	74.357	ug/l	95
11) Tert butyl alcohol	3.182	59	241280m	319.029	ug/l	
12) 1,1-Dichloroethene	2.571	96	114048	50.047	ug/l	93
13) Acrolein	2.481	56	36573	71.408	ug/l	97
14) Allyl chloride	2.916	41	239981	52.107	ug/l #	87
15) Acrylonitrile	3.308	53	509847	280.299	ug/l	100
16) Acetone	2.623	43	399554	245.204	ug/l	99
17) Carbon Disulfide	2.787	76	306469	43.124	ug/l	99
18) Methyl Acetate	2.944	43	254534	57.704	ug/l	93
19) Methyl tert-butyl Ether	3.359	73	487021	57.462	ug/l	97
20) Methylene Chloride	3.041	84	156816	57.930	ug/l	91
21) trans-1,2-Dichloroethene	3.346	96	127387	51.856	ug/l	94
22) Diisopropyl ether	3.989	45	485958	55.265	ug/l #	71
23) Vinyl Acetate	3.951	43	2129002	276.237	ug/l	95
24) 1,1-Dichloroethane	3.864	63	269665	53.389	ug/l	98
25) 2-Butanone	4.697	43	685743	280.811	ug/l	95
26) 2,2-Dichloropropane	4.661	77	187931	44.705	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	159633	56.243	ug/l	92
28) Bromochloromethane	4.970	49	122219	55.358	ug/l #	78
29) Tetrahydrofuran	5.047	42	450081	268.666	ug/l	89
30) Chloroform	5.086	83	262860	52.610	ug/l	99
31) Cyclohexane	5.385	56	197954	40.801	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	216049	49.837	ug/l	100
36) 1,1-Dichloropropene	5.523	75	170153	43.278	ug/l	97
37) Ethyl Acetate	4.800	43	255772	47.607	ug/l #	94
38) Carbon Tetrachloride	5.523	117	177777	43.115	ug/l	99
39) Methylcyclohexane	6.761	83	178871	37.955	ug/l	92
40) Benzene	5.771	78	577534	48.654	ug/l	100

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41) Methacrylonitrile	4.970	41	136201	50.594	ug/l		91
42) 1,2-Dichloroethane	5.793	62	211530	47.880	ug/l		99
43) Isopropyl Acetate	5.909	43	399303	50.723	ug/l		97
44) Trichloroethene	6.539	130	132244	46.865	ug/l		84
45) 1,2-Dichloropropane	6.790	63	164389	49.980	ug/l		99
46) Dibromomethane	6.915	93	110245	50.273	ug/l		91
47) Bromodichloromethane	7.105	83	210447	49.860	ug/l		100
48) Methyl methacrylate	6.957	41	187637	50.861	ug/l		89
49) 1,4-Dioxane	6.960	88	98939	1046.791	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.790	43	1320073	250.559	ug/l		96
52) Toluene	7.967	92	342901	48.602	ug/l		100
53) t-1,3-Dichloropropene	8.208	75	231685	51.173	ug/l		99
54) cis-1,3-Dichloropropene	7.607	75	250720	51.865	ug/l		99
55) 1,1,2-Trichloroethane	8.398	97	154404	52.932	ug/l		97
56) Ethyl methacrylate	8.333	69	266763	54.678	ug/l		94
57) 1,3-Dichloropropane	8.574	76	262542	50.737	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.462	63	173371	444.997	ug/l		94
59) 2-Hexanone	8.681	43	1024998	247.400	ug/l		96
60) Dibromochloromethane	8.809	129	158959	52.403	ug/l		99
61) 1,2-Dibromoethane	8.922	107	161188	50.706	ug/l		99
64) Tetrachloroethene	8.552	164	99751	43.623	ug/l		93
65) Chlorobenzene	9.446	112	358279	49.157	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.533	131	142184	51.712	ug/l		99
67) Ethyl Benzene	9.568	91	641990	47.979	ug/l		96
68) m/p-Xylenes	9.693	106	479048	96.761	ug/l		90
69) o-Xylene	10.098	106	246660	50.185	ug/l		90
70) Styrene	10.115	104	410088	51.928	ug/l		96
71) Bromoform	10.291	173	126172	53.505	ug/l	#	99
73) Isopropylbenzene	10.484	105	606559	49.789	ug/l		95
74) N-amyl acetate	10.317	43	341994	53.040	ug/l		94
75) 1,1,2,2-Tetrachloroethane	10.783	83	273861	53.068	ug/l		100
76) 1,2,3-Trichloropropane	10.822	75	305703	52.732	ug/l		100
77) Bromobenzene	10.780	156	154982	52.118	ug/l		85
78) n-propylbenzene	10.906	91	703262	47.507	ug/l		96
79) 2-Chlorotoluene	10.986	91	450443	49.389	ug/l		92
80) 1,3,5-Trimethylbenzene	11.086	105	521339	49.018	ug/l		94
81) trans-1,4-Dichloro-2-b...	10.545	75	83805	53.384	ug/l		97
82) 4-Chlorotoluene	11.095	91	504106	49.145	ug/l		93
83) tert-Butylbenzene	11.420	119	518711	49.586	ug/l		95
84) 1,2,4-Trimethylbenzene	11.465	105	532559	50.970	ug/l		95
85) sec-Butylbenzene	11.642	105	600068	45.625	ug/l		96
86) p-Isopropyltoluene	11.793	119	499867	46.997	ug/l		96
87) 1,3-Dichlorobenzene	11.745	146	275971	48.543	ug/l		97
88) 1,4-Dichlorobenzene	11.835	146	273981	47.948	ug/l		97
89) n-Butylbenzene	12.208	91	421420	42.802	ug/l		98
90) Hexachloroethane	12.475	117	95316	44.992	ug/l		84
91) 1,2-Dichlorobenzene	12.211	146	292307	51.172	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	68798	51.992	ug/l		83
93) 1,2,4-Trichlorobenzene	13.838	180	173557	45.439	ug/l		96
94) Hexachlorobutadiene	14.021	225	68760	38.804	ug/l		100
95) Naphthalene	14.085	128	697863	52.048	ug/l		100
96) 1,2,3-Trichlorobenzene	14.330	180	184938	46.998	ug/l		96

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

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