Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
Data File : VU028930.D
Acq On : 22 Dec 2018 21:27
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/24/2018 11:49:14 AM

Quant Time: Dec 24 07:41:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.98	168	173216	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	283692	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	260089	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	130270	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.30	65	103521	39.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.32%				
35) Dibromofluoromethane	4.88	113	90673	50.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.58%				
50) Toluene-d8	7.56	98	350591	49.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.28%				
62) 4-Bromofluorobenzene	10.30	95	131592	49.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	91950	39.604	ug/l		98
3) Chloromethane	1.33	50	128572	30.121	ug/l		98
4) Vinyl Chloride	1.40	62	127056	41.247	ug/l		99
5) Bromomethane	1.60	94	65559	52.834	ug/l		98
6) Chloroethane	1.68	64	73596	42.202	ug/l		99
7) Trichlorofluoromethane	1.88	101	142185	43.872	ug/l		99
8) Diethyl Ether	2.10	74	69666	45.945	ug/l		72
9) 1,1,2-Trichlorotrifluoroet	2.28	101	89627	46.240	ug/l		93
10) Methyl Iodide	2.40	142	100309	65.955	ug/l		94
11) Tert butyl alcohol	2.83	59	125971	213.896	ug/l		99
12) 1,1-Dichloroethene	2.28	96	91916	47.661	ug/l		83
13) Acrolein	2.19	56	93368	198.869	ug/l		98
14) Allyl chloride	2.59	41	157998	34.631	ug/l		91
15) Acrylonitrile	2.93	53	316464	193.547	ug/l		98
16) Acetone	2.32	43	229841	133.246	ug/l		91
17) Carbon Disulfide	2.47	76	278265	40.052	ug/l		100
18) Methyl Acetate	2.61	43	161389	36.093	ug/l	#	87
19) Methyl tert-butyl Ether	3.00	73	319810	43.744	ug/l		95
20) Methylene Chloride	2.70	84	108949	42.846	ug/l	#	80
21) trans-1,2-Dichloroethene	2.98	96	98064	45.162	ug/l		87
22) Diisopropyl ether	3.57	45	307592	34.669	ug/l	#	92
23) Vinyl Acetate	3.52	43	1233362	168.534	ug/l	#	92
24) 1,1-Dichloroethane	3.44	63	183642	39.542	ug/l		97
25) 2-Butanone	4.26	43	381580	161.872	ug/l	#	88
26) 2,2-Dichloropropane	4.22	77	136532	37.102	ug/l		94
27) cis-1,2-Dichloroethene	4.22	96	113899	46.344	ug/l		86
28) Bromochloromethane	4.55	49	71781	33.999	ug/l	#	66
29) Tetrahydrofuran	4.64	42	256351	169.326	ug/l	#	80
30) Chloroform	4.67	83	177754	43.914	ug/l		98
31) Cyclohexane	4.99	56	171273	37.492	ug/l		89
32) 1,1,1-Trichloroethane	4.91	97	146405	43.550	ug/l		94
36) 1,1-Dichloropropene	5.13	75	137329	44.237	ug/l		95
37) Ethyl Acetate	4.38	43	147390	36.727	ug/l	#	92
38) Carbon Tetrachloride	5.13	117	117071	46.788	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.41	83	169480	44.749	ug/l		88
40) Benzene	5.39	78	432526	47.306	ug/l		98
41) Methacrylonitrile	4.54	41	80927	36.823	ug/l	#	88
42) 1,2-Dichloroethane	5.40	62	133432	41.692	ug/l		96
43) Isopropyl Acetate	5.55	43	237390	37.399	ug/l	#	91
44) Trichloroethene	6.18	130	108994	53.613	ug/l		90
45) 1,2-Dichloropropane	6.43	63	113605	44.185	ug/l		96
46) Dibromomethane	6.56	93	73513	48.189	ug/l		91
47) Bromodichloromethane	6.76	83	133875	45.097	ug/l		99
48) Methyl methacrylate	6.62	41	117607	37.257	ug/l	#	83
49) 1,4-Dioxane	6.61	88	56483	1133.242	ug/l	#	87
51) 4-Methyl-2-Pentanone	7.46	43	743182	185.637	ug/l		89
52) Toluene	7.64	92	272801	50.698	ug/l		99
53) t-1,3-Dichloropropene	7.88	75	159570	45.133	ug/l		97
54) cis-1,3-Dichloropropene	7.27	75	174122	45.394	ug/l	#	88
55) 1,1,2-Trichloroethane	8.06	97	107218	50.407	ug/l		98
56) Ethyl methacrylate	8.02	69	172679	47.407	ug/l	#	83
57) 1,3-Dichloropropane	8.24	76	182007	46.096	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.12	63	369980	198.309	ug/l	#	90
59) 2-Hexanone	8.36	43	574177	180.949	ug/l		86
60) Dibromochloromethane	8.48	129	101317	48.652	ug/l		100
61) 1,2-Dibromoethane	8.58	107	116404	52.186	ug/l		99
64) Tetrachloroethene	8.22	164	96941	55.878	ug/l		98
65) Chlorobenzene	9.12	112	291820	52.654	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	95460	53.938	ug/l		100
67) Ethyl Benzene	9.25	91	512534	50.306	ug/l		98
68) m/p-Xylenes	9.37	106	396010	106.819	ug/l		95
69) o-Xylene	9.78	106	192882	53.537	ug/l		93
70) Styrene	9.79	104	317400	53.235	ug/l		96
71) Bromoform	9.96	173	80877	53.719	ug/l	#	98
73) Isopropylbenzene	10.16	105	502280	50.248	ug/l		99
74) N-amyl acetate	10.01	43	211803	36.733	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	10.46	83	183360	47.751	ug/l		97
76) 1,2,3-Trichloropropane	10.49	75	157671m	47.399	ug/l		
77) Bromobenzene	10.45	156	129571	55.424	ug/l		86
78) n-propylbenzene	10.58	91	592676	47.715	ug/l		97
79) 2-Chlorotoluene	10.66	91	349421	48.837	ug/l		95
80) 1,3,5-Trimethylbenzene	10.77	105	424471	51.299	ug/l		97
81) trans-1,4-Dichloro-2-buten	10.51	75	66128m	48.889	ug/l		
82) 4-Chlorotoluene	10.77	91	397403	46.871	ug/l		95
83) tert-Butylbenzene	11.10	119	408105	51.170	ug/l		96
84) 1,2,4-Trimethylbenzene	11.15	105	445091	52.195	ug/l		96
85) sec-Butylbenzene	11.32	105	498764	48.680	ug/l		97
86) p-Isopropyltoluene	11.48	119	431486	49.576	ug/l		96
87) 1,3-Dichlorobenzene	11.41	146	232165	52.592	ug/l		98
88) 1,4-Dichlorobenzene	11.50	146	230151	50.392	ug/l		97
89) n-Butylbenzene	11.89	91	387355	43.976	ug/l		97
90) Hexachloroethane	12.14	117	60521	46.006	ug/l		89
91) 1,2-Dichlorobenzene	11.88	146	232773	52.715	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	37936	45.633	ug/l		80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	155568	51.249	ug/l	99
94) Hexachlorobutadiene	13.69	225	66015	45.640	ug/l	96
95) Naphthalene	13.74	128	560802	52.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	158317	52.418	ug/l	100

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

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