Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021519\
Data File : VW008674.D
Acq On : 15 Feb 2019 10:16
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
2/18/2019 2:34:25 PM

Quant Time: Feb 16 00:48:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	186858	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
35) Dibromofluoromethane	7.88	113	181699	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.26%			
50) Toluene-d8	10.32	98	701830	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.48%			
62) 4-Bromofluorobenzene	12.62	95	251830	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	128553	55.735	ug/l	92
3) Chloromethane	2.21	50	145461	43.748	ug/l	99
4) Vinyl Chloride	2.36	62	208667	47.776	ug/l	98
5) Bromomethane	2.78	94	160399	46.411	ug/l	99
6) Chloroethane	2.92	64	152536	46.936	ug/l	92
7) Trichlorofluoromethane	3.25	101	161063	47.347	ug/l	100
8) Diethyl Ether	3.67	74	91804	45.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	195220	54.305	ug/l	98
10) Methyl Iodide	4.26	142	301085	53.661	ug/l	99
11) Tert butyl alcohol	5.17	59	58800	196.300	ug/l	97
12) 1,1-Dichloroethene	4.03	96	187674	53.383	ug/l	94
13) Acrolein	3.88	56	83650	271.048	ug/l	97
14) Allyl chloride	4.65	41	309077	52.915	ug/l	99
15) Acrylonitrile	5.36	53	187715	219.695	ug/l	99
16) Acetone	4.12	43	207571	243.646	ug/l	99
17) Carbon Disulfide	4.37	76	573279	54.035	ug/l	100
18) Methyl Acetate	4.66	43	81660	41.947	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	284792	46.146	ug/l	99
20) Methylene Chloride	4.90	84	183645	48.744	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	208908	54.261	ug/l	95
22) Diisopropyl ether	6.31	45	574095	48.835	ug/l	99
23) Vinyl Acetate	6.24	43	1750600	229.441	ug/l	100
24) 1,1-Dichloroethane	6.21	63	357866	52.754	ug/l	99
25) 2-Butanone	7.17	43	258230	214.659	ug/l	99
26) 2,2-Dichloropropane	7.16	77	232827	54.940	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	213870	51.371	ug/l	99
28) Bromochloromethane	7.51	49	154856	54.076	ug/l	98
29) Tetrahydrofuran	7.52	42	162491	204.932	ug/l	99
30) Chloroform	7.67	83	358701	52.771	ug/l	100
31) Cyclohexane	7.95	56	341971	49.945	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	313094	54.540	ug/l	100
36) 1,1-Dichloropropene	8.07	75	297750	56.849	ug/l	99
37) Ethyl Acetate	7.25	43	111791	44.247	ug/l	99
38) Carbon Tetrachloride	8.06	117	307234	58.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.33	83	374414	56.518	ug/l		99
40) Benzene	8.32	78	784556	54.848	ug/l		100
41) Methacrylonitrile	7.48	41	70813	49.815	ug/l		98
42) 1,2-Dichloroethane	8.40	62	227827	51.348	ug/l		100
43) Isopropyl Acetate	8.42	43	228675	45.391	ug/l		97
44) Trichloroethene	9.09	130	224231	56.537	ug/l		99
45) 1,2-Dichloropropane	9.37	63	191825	54.187	ug/l		95
46) Dibromomethane	9.46	93	98135	50.323	ug/l		98
47) Bromodichloromethane	9.64	83	257705	54.987	ug/l		97
48) Methyl methacrylate	9.43	41	109452	46.880	ug/l		98
49) 1,4-Dioxane	9.44	88	30931	993.672	ug/l		97
51) 4-Methyl-2-Pentanone	10.21	43	565486	218.510	ug/l		100
52) Toluene	10.38	92	508196	55.071	ug/l		98
53) t-1,3-Dichloropropene	10.60	75	257287	52.257	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	300344	53.813	ug/l		96
55) 1,1,2-Trichloroethane	10.79	97	132397	49.480	ug/l		98
56) Ethyl methacrylate	10.65	69	168239	47.351	ug/l		98
57) 1,3-Dichloropropane	10.93	76	239443	50.436	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	436385	256.033	ug/l		100
59) 2-Hexanone	10.97	43	416519	229.107	ug/l		97
60) Dibromochloromethane	11.13	129	169689	53.002	ug/l		100
61) 1,2-Dibromoethane	11.23	107	130603	49.573	ug/l		100
64) Tetrachloroethene	10.86	164	190972	55.757	ug/l		96
65) Chlorobenzene	11.66	112	545564	54.956	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	194724	55.370	ug/l		100
67) Ethyl Benzene	11.73	91	1004065	56.780	ug/l		99
68) m/p-Xylenes	11.84	106	769759	111.876	ug/l		100
69) o-Xylene	12.16	106	359384	55.258	ug/l		100
70) Styrene	12.18	104	575924	54.216	ug/l		99
71) Bromoform	12.35	173	96570	50.964	ug/l	#	99
73) Isopropylbenzene	12.46	105	1016191	56.676	ug/l		99
74) N-amyl acetate	12.27	43	220832	45.546	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	149252	47.844	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	103951m	43.734	ug/l		
77) Bromobenzene	12.75	156	223990	54.346	ug/l		97
78) n-propylbenzene	12.80	91	1218388	57.191	ug/l		100
79) 2-Chlorotoluene	12.89	91	670541	55.691	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	843225	56.620	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	47577	44.428	ug/l		97
82) 4-Chlorotoluene	12.99	91	700687	54.913	ug/l		100
83) tert-Butylbenzene	13.21	119	738409	57.101	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	853356	55.750	ug/l		100
85) sec-Butylbenzene	13.38	105	1079059	57.307	ug/l		100
86) p-Isopropyltoluene	13.50	119	957071	56.817	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	453048	54.224	ug/l		98
88) 1,4-Dichlorobenzene	13.58	146	450821	54.749	ug/l		99
89) n-Butylbenzene	13.83	91	919343	57.433	ug/l		100
90) Hexachloroethane	14.10	117	175889	59.766	ug/l		96
91) 1,2-Dichlorobenzene	13.87	146	396139	53.514	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26058	48.069	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	285085	54.102	ug/l	99
94) Hexachlorobutadiene	15.24	225	184065	60.008	ug/l	99
95) Naphthalene	15.37	128	467599	49.517	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	240561	53.200	ug/l	99

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

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