Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
Data File : VW007021.D
Acq On : 22 Nov 2018 02:27
Operator : VAY/AP
Sample : VW1122SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD02

Manual Integrations APPROVED
MMDadoda
11/26/2018 1:04:53 PM

Quant Time: Nov 22 06:03:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	106498	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	171821	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	161346	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78786	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	59981	57.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.06%				
35) Dibromofluoromethane	7.88	113	52659	54.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.54%				
50) Toluene-d8	10.32	98	225197	52.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.12%				
62) 4-Bromofluorobenzene	12.62	95	86765	51.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	25781	24.518	ug/l		98
3) Chloromethane	2.21	50	20432	23.317	ug/l		93
4) Vinyl Chloride	2.36	62	19571	22.700	ug/l		98
5) Bromomethane	2.77	94	10160	22.079	ug/l		100
6) Chloroethane	2.91	64	10609	22.322	ug/l		95
7) Trichlorofluoromethane	3.26	101	38542	22.734	ug/l		96
8) Diethyl Ether	3.68	74	13537	24.781	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	24161	21.983	ug/l		98
10) Methyl Iodide	4.27	142	25697	20.424	ug/l		99
11) Tert butyl alcohol	5.21	59	10266	151.249	ug/l	#	82
12) 1,1-Dichloroethene	4.04	96	22058	22.883	ug/l		95
13) Acrolein	3.90	56	7200	103.293	ug/l		98
14) Allyl chloride	4.67	41	35372	22.123	ug/l		97
15) Acrylonitrile	5.38	53	25330	123.371	ug/l		99
16) Acetone	4.14	43	19007	125.559	ug/l		98
17) Carbon Disulfide	4.38	76	71320	22.885	ug/l		100
18) Methyl Acetate	4.68	43	13657	25.334	ug/l		95
19) Methyl tert-butyl Ether	5.43	73	64684	25.699	ug/l		94
20) Methylene Chloride	4.92	84	29641	21.491	ug/l		95
21) trans-1,2-Dichloroethene	5.42	96	25766	22.946	ug/l		98
22) Diisopropyl ether	6.31	45	75238	24.177	ug/l		99
23) Vinyl Acetate	6.26	43	209042	126.495	ug/l		99
24) 1,1-Dichloroethane	6.21	63	44152	23.322	ug/l		100
25) 2-Butanone	7.17	43	32538	125.498	ug/l		100
26) 2,2-Dichloropropane	7.17	77	37511	22.034	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	28426	23.772	ug/l		99
28) Bromochloromethane	7.51	49	14864	21.007	ug/l	#	97
29) Tetrahydrofuran	7.53	42	20689	123.210	ug/l		99
30) Chloroform	7.68	83	47240	23.488	ug/l		98
31) Cyclohexane	7.95	56	46230	23.022	ug/l		98
32) 1,1,1-Trichloroethane	7.87	97	43898	24.232	ug/l		99
36) 1,1-Dichloropropene	8.08	75	40225	23.957	ug/l		99
37) Ethyl Acetate	7.25	43	15866	26.076	ug/l		98
38) Carbon Tetrachloride	8.07	117	37337	23.222	ug/l		98

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	45367	21.591	ug/l		99
40) Benzene	8.32	78	105836	23.351	ug/l		97
41) Methacrylonitrile	7.49	41	9533	25.229	ug/l		94
42) 1,2-Dichloroethane	8.40	62	31828	24.188	ug/l		100
43) Isopropyl Acetate	8.42	43	28943	24.962	ug/l		98
44) Trichloroethene	9.09	130	30391	23.920	ug/l		99
45) 1,2-Dichloropropane	9.37	63	26670	23.871	ug/l		100
46) Dibromomethane	9.46	93	13589	24.288	ug/l		99
47) Bromodichloromethane	9.65	83	35918	24.366	ug/l		99
48) Methyl methacrylate	9.44	41	13012	23.274	ug/l		94
49) 1,4-Dioxane	9.47	88	3647	438.556	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.21	43	71611	122.213	ug/l		100
52) Toluene	10.39	92	69893	22.660	ug/l		100
53) t-1,3-Dichloropropene	10.60	75	33368	23.367	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	40776	23.635	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	19982	24.274	ug/l		97
56) Ethyl methacrylate	10.65	69	22821	23.883	ug/l		99
57) 1,3-Dichloropropane	10.93	76	34404	24.940	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.93	63	54653	109.457	ug/l		99
59) 2-Hexanone	10.97	43	47906	119.390	ug/l		100
60) Dibromochloromethane	11.13	129	22651	24.149	ug/l		99
61) 1,2-Dibromoethane	11.24	107	18743	24.890	ug/l		100
64) Tetrachloroethene	10.87	164	24928	24.016	ug/l		98
65) Chlorobenzene	11.66	112	77335	22.965	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	24468	24.019	ug/l		99
67) Ethyl Benzene	11.73	91	137624	22.246	ug/l		99
68) m/p-Xylenes	11.84	106	108862	44.853	ug/l		99
69) o-Xylene	12.17	106	50755	22.178	ug/l		100
70) Styrene	12.18	104	82505	22.651	ug/l		99
71) Bromoform	12.35	173	11754	24.493	ug/l	#	100
73) Isopropylbenzene	12.47	105	139817	22.834	ug/l		99
74) N-amyl acetate	12.27	43	24265	23.645	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	20344	24.965	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	15195m	24.544	ug/l		
77) Bromobenzene	12.75	156	30598	23.266	ug/l		99
78) n-propylbenzene	12.81	91	166430	22.439	ug/l		99
79) 2-Chlorotoluene	12.90	91	97258	22.742	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	119222	22.516	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	5405	21.919	ug/l		94
82) 4-Chlorotoluene	12.99	91	101678	22.656	ug/l		100
83) tert-Butylbenzene	13.21	119	101979	22.245	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	118829	22.525	ug/l		97
85) sec-Butylbenzene	13.39	105	143060	22.089	ug/l		98
86) p-Isopropyltoluene	13.50	119	126680	22.172	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	61495	22.904	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	61026	22.797	ug/l		99
89) n-Butylbenzene	13.83	91	116701	21.705	ug/l		99
90) Hexachloroethane	14.10	117	19308	23.147	ug/l		96
91) 1,2-Dichlorobenzene	13.87	146	54543	23.184	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3412	24.792	ug/l		94

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33646	21.689	ug/l	98
94) Hexachlorobutadiene	15.24	225	18553	21.999	ug/l	98
95) Naphthalene	15.37	128	61798	21.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28321	22.005	ug/l	100

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

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