Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007846.D
Acq On : 22 Dec 2018 16:44
Operator : SY/AP
Sample : VW1224SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1224SBSD01

Manual Integrations APPROVED
MMDadoda
12/24/2018 3:18:35 PM

Quant Time: Dec 24 01:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	60010	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	95837	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	84662	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41356	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	28835	43.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.68%				
35) Dibromofluoromethane	7.88	113	25806	44.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.28%				
50) Toluene-d8	10.32	98	104176	47.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.54%				
62) 4-Bromofluorobenzene	12.62	95	38962	45.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	9452	17.717	ug/l		99
3) Chloromethane	2.21	50	7014	21.411	ug/l		95
4) Vinyl Chloride	2.36	62	10555	25.311	ug/l		92
5) Bromomethane	2.78	94	6936	23.880	ug/l		95
6) Chloroethane	2.93	64	5573	24.980	ug/l		96
7) Trichlorofluoromethane	3.26	101	10819	24.920	ug/l		98
8) Diethyl Ether	3.68	74	5326	20.029	ug/l		84
9) 1,1,2-Trichlorotrifluoroet	4.07	101	11798	18.452	ug/l		97
10) Methyl Iodide	4.26	142	18642	18.334	ug/l		95
11) Tert butyl alcohol	5.17	59	4579	103.201	ug/l		95
12) 1,1-Dichloroethene	4.03	96	11232	18.971	ug/l		92
13) Acrolein	3.89	56	3640	102.604	ug/l		89
14) Allyl chloride	4.67	41	16352	21.061	ug/l		92
15) Acrylonitrile	5.37	53	12398	109.299	ug/l		99
16) Acetone	4.12	43	12148	98.630	ug/l	#	90
17) Carbon Disulfide	4.37	76	32637	17.813	ug/l		98
18) Methyl Acetate	4.67	43	6291	21.477	ug/l		96
19) Methyl tert-butyl Ether	5.42	73	21501	25.295	ug/l		96
20) Methylene Chloride	4.90	84	18168	26.537	ug/l		96
21) trans-1,2-Dichloroethene	5.42	96	11911	18.292	ug/l		90
22) Diisopropyl ether	6.31	45	31459	21.639	ug/l		99
23) Vinyl Acetate	6.26	43	92746	107.375	ug/l		96
24) 1,1-Dichloroethane	6.21	63	20587	19.249	ug/l		96
25) 2-Butanone	7.17	43	15449	107.088	ug/l		100
26) 2,2-Dichloropropane	7.17	77	18081	23.103	ug/l		100
27) cis-1,2-Dichloroethene	7.17	96	13105	18.890	ug/l		97
28) Bromochloromethane	7.51	49	6384	17.507	ug/l		90
29) Tetrahydrofuran	7.53	42	9798	113.862	ug/l		94
30) Chloroform	7.68	83	21642	17.881	ug/l		98
31) Cyclohexane	7.95	56	20973	21.420	ug/l		93
32) 1,1,1-Trichloroethane	7.87	97	21072	19.116	ug/l		98
36) 1,1-Dichloropropene	8.09	75	18203	19.679	ug/l		99
37) Ethyl Acetate	7.26	43	7231	22.651	ug/l		97
38) Carbon Tetrachloride	8.07	117	18306	16.804	ug/l		98

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	23863	20.761	ug/l		95
40) Benzene	8.32	78	48431	19.621	ug/l		96
41) Methacrylonitrile	7.48	41	4077	22.495	ug/l		97
42) 1,2-Dichloroethane	8.40	62	15027	18.166	ug/l		99
43) Isopropyl Acetate	8.43	43	13487	21.088	ug/l		99
44) Trichloroethene	9.09	130	14350	19.224	ug/l		97
45) 1,2-Dichloropropane	9.37	63	11195	20.440	ug/l		94
46) Dibromomethane	9.46	93	6404	18.995	ug/l		97
47) Bromodichloromethane	9.65	83	15155	17.098	ug/l	#	96
48) Methyl methacrylate	9.44	41	7467m	23.390	ug/l		
49) 1,4-Dioxane	9.45	88	1996	373.408	ug/l		99
51) 4-Methyl-2-Pentanone	10.21	43	33148	109.669	ug/l		100
52) Toluene	10.39	92	41730	25.198	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	16650	18.886	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	18890	19.398	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	9270	19.944	ug/l		94
56) Ethyl methacrylate	10.65	69	11524	20.985	ug/l		94
57) 1,3-Dichloropropane	10.93	76	15262	19.774	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.93	63	26149	104.292	ug/l		99
59) 2-Hexanone	10.97	43	23683	111.414	ug/l		99
60) Dibromochloromethane	11.13	129	10032	16.301	ug/l		99
61) 1,2-Dibromoethane	11.24	107	9115	19.366	ug/l		98
64) Tetrachloroethene	10.87	164	11181	18.650	ug/l		97
65) Chlorobenzene	11.66	112	35415	19.327	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	11717	17.895	ug/l		98
67) Ethyl Benzene	11.73	91	64715	20.581	ug/l		100
68) m/p-Xylenes	11.84	106	51904	42.552	ug/l		98
69) o-Xylene	12.17	106	23025	20.137	ug/l		96
70) Styrene	12.18	104	37263	19.826	ug/l		99
71) Bromoform	12.35	173	5364	15.781	ug/l	#	95
73) Isopropylbenzene	12.47	105	64966	20.782	ug/l		97
74) N-amyl acetate	12.27	43	12480	23.048	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10116	21.583	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	8385m	26.232	ug/l		
77) Bromobenzene	12.75	156	14009	19.554	ug/l		94
78) n-propylbenzene	12.81	91	73805	20.282	ug/l		97
79) 2-Chlorotoluene	12.90	91	43364	20.456	ug/l		98
80) 1,3,5-Trimethylbenzene	12.94	105	54116	20.069	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	3008	19.753	ug/l		95
82) 4-Chlorotoluene	12.99	91	45281	20.061	ug/l		99
83) tert-Butylbenzene	13.21	119	48515	20.506	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	56468	20.754	ug/l		99
85) sec-Butylbenzene	13.39	105	66047	20.256	ug/l		100
86) p-Isopropyltoluene	13.51	119	58830	19.842	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	28293	19.891	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	28125	19.767	ug/l		99
89) n-Butylbenzene	13.83	91	54415	20.016	ug/l		99
90) Hexachloroethane	14.10	117	8178	15.711	ug/l		95
91) 1,2-Dichlorobenzene	13.87	146	25012	19.640	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1812	18.825	ug/l		99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	17264	19.529	ug/l	97
94) Hexachlorobutadiene	15.24	225	8894	18.825	ug/l	98
95) Naphthalene	15.37	128	35201	21.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	14353	18.967	ug/l	98

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

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