Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006024.D
Acq On : 11 Oct 2018 11:45
Operator : VA/AP
Sample : VW1012SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1012SBS01

Manual Integrations APPROVED
apatel
10/12/2018 11:46:00 AM

Quant Time: Oct 11 16:13:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	234340	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	337147	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	306837	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171398	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	99350	43.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.34%				
35) Dibromofluoromethane	7.88	113	103050	47.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.74%				
50) Toluene-d8	10.32	98	396615	47.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.78%				
62) 4-Bromofluorobenzene	12.62	95	144631	45.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	23212	20.21	ug/l		97
3) Chloromethane	2.21	50	30053	22.25	ug/l		99
4) Vinyl Chloride	2.37	62	44805	20.89	ug/l		98
5) Bromomethane	2.78	94	39924	23.59	ug/l		99
6) Chloroethane	2.93	64	30487	22.31	ug/l		96
7) Trichlorofluoromethane	3.25	101	34461	20.24	ug/l		99
8) Diethyl Ether	3.68	74	20969	20.02	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41333	19.24	ug/l		97
10) Methyl Iodide	4.27	142	66816	19.02	ug/l		99
11) Tert butyl alcohol	5.20	59	13159	78.93	ug/l	#	92
12) 1,1-Dichloroethene	4.03	96	40207	19.49	ug/l		99
13) Acrolein	3.89	56	12740	85.75	ug/l		99
14) Allyl chloride	4.67	41	55032	15.64	ug/l		94
15) Acrylonitrile	5.37	53	41402	90.81	ug/l		98
16) Acetone	4.13	43	45906	101.03	ug/l		96
17) Carbon Disulfide	4.37	76	101681	16.30	ug/l		100
18) Methyl Acetate	4.68	43	17823	15.54	ug/l		95
19) Methyl tert-butyl Ether	5.43	73	57982	18.07	ug/l		99
20) Methylene Chloride	4.91	84	43132	18.95	ug/l		97
21) trans-1,2-Dichloroethene	5.42	96	43956	19.55	ug/l		96
22) Diisopropyl ether	6.32	45	114194	17.36	ug/l		95
23) Vinyl Acetate	6.26	43	342574	84.64	ug/l		97
24) 1,1-Dichloroethane	6.21	63	75533	18.77	ug/l		100
25) 2-Butanone	7.18	43	60966	94.33	ug/l		97
26) 2,2-Dichloropropane	7.17	77	50184	17.72	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	50150	19.72	ug/l		95
28) Bromochloromethane	7.51	49	27592	18.57	ug/l		91
29) Tetrahydrofuran	7.54	42	34277	83.90	ug/l		96
30) Chloroform	7.68	83	80194	19.40	ug/l		100
31) Cyclohexane	7.96	56	68461	17.19	ug/l		92
32) 1,1,1-Trichloroethane	7.87	97	68446	18.59	ug/l		98
36) 1,1-Dichloropropene	8.08	75	64215	19.88	ug/l		99
37) Ethyl Acetate	7.26	43	25039	18.30	ug/l		99
38) Carbon Tetrachloride	8.07	117	64141	18.48	ug/l		99

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	82508	19.36	ug/l		97
40) Benzene	8.32	78	175194	19.81	ug/l		99
41) Methacrylonitrile	7.49	41	14770	17.24	ug/l		97
42) 1,2-Dichloroethane	8.40	62	50437	18.88	ug/l		99
43) Isopropyl Acetate	8.43	43	48997	17.15	ug/l		97
44) Trichloroethene	9.09	130	53154	20.72	ug/l		100
45) 1,2-Dichloropropane	9.37	63	41979	18.97	ug/l		95
46) Dibromomethane	9.46	93	23635	19.43	ug/l		99
47) Bromodichloromethane	9.65	83	56254	18.38	ug/l		98
48) Methyl methacrylate	9.44	41	22664	16.65	ug/l		94
49) 1,4-Dioxane	9.46	88	7399	400.45	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.21	43	123196	88.53	ug/l		98
52) Toluene	10.39	92	114102	19.64	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	54052	16.90	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	63815	17.75	ug/l		95
55) 1,1,2-Trichloroethane	10.79	97	33335	19.79	ug/l		98
56) Ethyl methacrylate	10.65	69	40441	17.81	ug/l		96
57) 1,3-Dichloropropane	10.94	76	55301	19.51	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	87206	94.38	ug/l		97
59) 2-Hexanone	10.97	43	93977	94.18	ug/l		96
60) Dibromochloromethane	11.13	129	39624	18.23	ug/l		99
61) 1,2-Dibromoethane	11.24	107	32489	19.30	ug/l		100
64) Tetrachloroethene	10.87	164	46313	20.26	ug/l		95
65) Chlorobenzene	11.66	112	134352	20.44	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46551	19.32	ug/l		99
67) Ethyl Benzene	11.74	91	232485	20.03	ug/l		97
68) m/p-Xylenes	11.85	106	182546	40.24	ug/l		99
69) o-Xylene	12.17	106	86336	19.88	ug/l		98
70) Styrene	12.18	104	142526	19.78	ug/l		98
71) Bromoform	12.35	173	24228	16.88	ug/l	#	98
73) Isopropylbenzene	12.47	105	247488	19.77	ug/l		100
74) N-amyl acetate	12.28	43	48497	16.31	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39142	19.08	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	29030m	18.96	ug/l		
77) Bromobenzene	12.75	156	59608	20.10	ug/l		95
78) n-propylbenzene	12.81	91	289914	19.69	ug/l		100
79) 2-Chlorotoluene	12.90	91	160540	19.31	ug/l		97
80) 1,3,5-Trimethylbenzene	12.95	105	206909	19.58	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.52	75	10617	14.64	ug/l		94
82) 4-Chlorotoluene	12.99	91	171122	19.57	ug/l		98
83) tert-Butylbenzene	13.21	119	187765	19.98	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	213127	19.99	ug/l		100
85) sec-Butylbenzene	13.39	105	266295	20.18	ug/l		100
86) p-Isopropyltoluene	13.51	119	239308	20.17	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	121428	20.61	ug/l		98
88) 1,4-Dichlorobenzene	13.58	146	119959	20.49	ug/l		100
89) n-Butylbenzene	13.83	91	225356	20.15	ug/l		99
90) Hexachloroethane	14.10	117	37691	16.89	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	107562	20.56	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6369	16.66	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84115	20.74	ug/l	99
94) Hexachlorobutadiene	15.24	225	51377	20.29	ug/l	99
95) Naphthalene	15.38	128	137247	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72242	20.57	ug/l	100

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

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