Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007065.D
Acq On : 27 Nov 2018 00:54
Operator : VAY/AP
Sample : VW1126SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1126SBS02

Manual Integrations APPROVED
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11/27/2018 3:03:13 PM

Quant Time: Nov 27 07:30:56 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	98046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56701	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.14%		
35) Dibromofluoromethane	7.88	113	50038	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.64%		
50) Toluene-d8	10.32	98	210017	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.26%		
62) 4-Bromofluorobenzene	12.62	95	83899	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	22933	23.69	ug/l	97
3) Chloromethane	2.21	50	19038	23.60	ug/l	99
4) Vinyl Chloride	2.35	62	17698	22.30	ug/l	97
5) Bromomethane	2.77	94	10324	24.37	ug/l	91
6) Chloroethane	2.91	64	9460	21.62	ug/l	97
7) Trichlorofluoromethane	3.26	101	34758	22.27	ug/l	100
8) Diethyl Ether	3.68	74	12505	24.86	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22249	21.99	ug/l	99
10) Methyl Iodide	4.27	142	21701	18.74	ug/l	99
11) Tert butyl alcohol	5.23	59	10223m	163.60	ug/l	
12) 1,1-Dichloroethene	4.04	96	20216	22.78	ug/l	97
13) Acrolein	3.91	56	7145	111.34	ug/l	98
14) Allyl chloride	4.67	41	33542	22.79	ug/l	100
15) Acrylonitrile	5.38	53	23911	126.50	ug/l	97
16) Acetone	4.14	43	18831	135.12	ug/l	98
17) Carbon Disulfide	4.38	76	66770	23.27	ug/l	97
18) Methyl Acetate	4.68	43	12761	25.71	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61456	26.52	ug/l	95
20) Methylene Chloride	4.92	84	27052	21.25	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	23968	23.18	ug/l	95
22) Diisopropyl ether	6.31	45	70352	24.56	ug/l	97
23) Vinyl Acetate	6.26	43	202908	133.37	ug/l	100
24) 1,1-Dichloroethane	6.21	63	39853	22.87	ug/l	98
25) 2-Butanone	7.18	43	31047	130.07	ug/l	100
26) 2,2-Dichloropropane	7.17	77	33906	21.63	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26416	23.99	ug/l	98
28) Bromochloromethane	7.51	49	14855	22.80	ug/l	98
29) Tetrahydrofuran	7.54	42	20353	131.66	ug/l	99
30) Chloroform	7.68	83	42862	23.15	ug/l	100
31) Cyclohexane	7.96	56	42196	22.83	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	39666	23.78	ug/l	99
36) 1,1-Dichloropropene	8.08	75	36517	22.91	ug/l	99
37) Ethyl Acetate	7.25	43	14602	25.28	ug/l	96
38) Carbon Tetrachloride	8.07	117	34957	22.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.34	83	42102	21.11 ug/l		98
40) Benzene	8.32	78	99423	23.11 ug/l		99
41) Methacrylonitrile	7.48	41	9689	27.01 ug/l		89
42) 1,2-Dichloroethane	8.40	62	28669	22.95 ug/l		100
43) Isopropyl Acetate	8.43	43	28172	25.59 ug/l		99
44) Trichloroethene	9.09	130	29091	24.12 ug/l		94
45) 1,2-Dichloropropane	9.37	63	24975	23.55 ug/l		98
46) Dibromomethane	9.46	93	12870	24.23 ug/l		98
47) Bromodichloromethane	9.65	83	33561	23.98 ug/l		99
48) Methyl methacrylate	9.44	41	12905	24.31 ug/l		96
49) 1,4-Dioxane	9.48	88	3867	489.80 ug/l	#	96
51) 4-Methyl-2-Pentanone	10.21	43	68350	122.87 ug/l		99
52) Toluene	10.39	92	64744	22.11 ug/l		100
53) t-1,3-Dichloropropene	10.60	75	32609	24.05 ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	39155	23.91 ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	19132	24.48 ug/l		97
56) Ethyl methacrylate	10.65	69	22420	24.71 ug/l		99
57) 1,3-Dichloropropane	10.93	76	32316	24.67 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	57422	121.13 ug/l		100
59) 2-Hexanone	10.97	43	45940	120.59 ug/l		100
60) Dibromochloromethane	11.13	129	22018	24.73 ug/l		99
61) 1,2-Dibromoethane	11.24	107	18028	25.22 ug/l		100
64) Tetrachloroethene	10.87	164	23600	24.12 ug/l		96
65) Chlorobenzene	11.66	112	71596	22.56 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.73	131	23799	24.79 ug/l		100
67) Ethyl Benzene	11.73	91	128465	22.03 ug/l		100
68) m/p-Xylenes	11.84	106	101031	44.16 ug/l		99
69) o-Xylene	12.17	106	48056	22.28 ug/l		98
70) Styrene	12.18	104	78345	22.82 ug/l		99
71) Bromoform	12.35	173	11572	25.58 ug/l	#	100
73) Isopropylbenzene	12.47	105	130814	21.50 ug/l		100
74) N-amyl acetate	12.27	43	25300	24.81 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	20177	24.92 ug/l		96
76) 1,2,3-Trichloropropane	12.77	75	11637m	18.92 ug/l		
77) Bromobenzene	12.75	156	29806	22.81 ug/l		96
78) n-propylbenzene	12.80	91	155953	21.16 ug/l		100
79) 2-Chlorotoluene	12.90	91	91642	21.57 ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	114422	21.75 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.51	75	5652	23.07 ug/l		97
82) 4-Chlorotoluene	12.99	91	97180	21.79 ug/l		100
83) tert-Butylbenzene	13.21	119	98183	21.56 ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	116212	22.17 ug/l		98
85) sec-Butylbenzene	13.39	105	137074	21.30 ug/l		99
86) p-Isopropyltoluene	13.50	119	123096	21.68 ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	59781	22.41 ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	58375	21.95 ug/l		98
89) n-Butylbenzene	13.83	91	113777	21.30 ug/l		100
90) Hexachloroethane	14.10	117	18873	22.77 ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	52233	22.35 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3222	23.56 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	35179	22.82	ug/l	99
94) Hexachlorobutadiene	15.24	225	17707	21.13	ug/l	98
95) Naphthalene	15.37	128	64153	22.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	29664	23.20	ug/l	99

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

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