Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005268.D
Acq On : 11 Sep 2018 12:04
Operator : SY/AP
Sample : VW0911SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Manual Integrations APPROVED
apatel
9/12/2018 10:29:17 AM

Quant Time: Sep 11 12:45:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	455179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	625558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	169723	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.98%			
35) Dibromofluoromethane	7.89	113	171182	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.48%			
50) Toluene-d8	10.33	98	849529	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
62) 4-Bromofluorobenzene	12.63	95	309699	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	92633	23.59	ug/l	98
3) Chloromethane	2.22	50	111401	21.22	ug/l	97
4) Vinyl Chloride	2.36	62	103735	21.53	ug/l	97
5) Bromomethane	2.75	94	73862	23.70	ug/l	99
6) Chloroethane	2.91	64	56850	21.42	ug/l	98
7) Trichlorofluoromethane	3.26	101	119535	21.93	ug/l	97
8) Diethyl Ether	3.69	74	39031	20.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81626	20.96	ug/l	99
10) Methyl Iodide	4.28	142	76369	18.06	ug/l	100
11) Tert butyl alcohol	5.17	59	35220	126.50	ug/l	96
12) 1,1-Dichloroethene	4.04	96	75027	20.93	ug/l	99
13) Acrolein	3.90	56	27471	102.15	ug/l	98
14) Allyl chloride	4.68	41	108054	19.61	ug/l	98
15) Acrylonitrile	5.38	53	88308	100.74	ug/l	99
16) Acetone	4.13	43	65861	104.51	ug/l	94
17) Carbon Disulfide	4.39	76	257683	20.47	ug/l	100
18) Methyl Acetate	4.68	43	38125	20.27	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	175693	20.57	ug/l	98
20) Methylene Chloride	4.92	84	103762	20.19	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	86870	20.75	ug/l	96
22) Diisopropyl ether	6.32	45	229535	20.69	ug/l	94
23) Vinyl Acetate	6.27	43	626593	101.37	ug/l	99
24) 1,1-Dichloroethane	6.22	63	140270	20.55	ug/l	98
25) 2-Butanone	7.18	43	107356	108.00	ug/l	97
26) 2,2-Dichloropropane	7.18	77	130574	22.06	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	93669	20.91	ug/l	99
28) Bromochloromethane	7.52	49	50117	19.90	ug/l	97
29) Tetrahydrofuran	7.54	42	67810	101.23	ug/l	99
30) Chloroform	7.68	83	143126	20.89	ug/l	100
31) Cyclohexane	7.96	56	151704	20.88	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	129742	20.96	ug/l	99
36) 1,1-Dichloropropene	8.09	75	124391	21.70	ug/l	99
37) Ethyl Acetate	7.26	43	47509	21.79	ug/l	99
38) Carbon Tetrachloride	8.07	117	118028	21.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	151337	19.89	ug/l		94
40) Benzene	8.33	78	369860	21.91	ug/l		100
41) Methacrylonitrile	7.49	41	26555	23.74	ug/l		95
42) 1,2-Dichloroethane	8.41	62	87111	21.57	ug/l		100
43) Isopropyl Acetate	8.43	43	84631	20.91	ug/l		97
44) Trichloroethene	9.10	130	102550	22.14	ug/l		92
45) 1,2-Dichloropropane	9.38	63	78935	19.45	ug/l		98
46) Dibromomethane	9.46	93	38295	19.28	ug/l		97
47) Bromodichloromethane	9.65	83	96444	19.85	ug/l		97
48) Methyl methacrylate	9.45	41	39215	18.66	ug/l		99
49) 1,4-Dioxane	9.45	88	15240	410.90	ug/l		95
51) 4-Methyl-2-Pentanone	10.22	43	231973	101.83	ug/l		100
52) Toluene	10.40	92	259742	21.17	ug/l		99
53) t-1,3-Dichloropropene	10.62	75	108255	20.61	ug/l		98
54) cis-1,3-Dichloropropene	10.08	75	131246	20.87	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	66540	21.01	ug/l		95
56) Ethyl methacrylate	10.65	69	79864	19.89	ug/l		98
57) 1,3-Dichloropropane	10.94	76	108857	20.70	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	179717	102.97	ug/l		99
59) 2-Hexanone	10.98	43	170098	103.57	ug/l		99
60) Dibromochloromethane	11.13	129	73193	20.82	ug/l		99
61) 1,2-Dibromoethane	11.24	107	61034	21.01	ug/l		99
64) Tetrachloroethene	10.87	164	99213	21.74	ug/l		99
65) Chlorobenzene	11.66	112	288145	21.39	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	86111	21.41	ug/l		99
67) Ethyl Benzene	11.74	91	501970	21.40	ug/l		99
68) m/p-Xylenes	11.85	106	411098	43.48	ug/l		98
69) o-Xylene	12.18	106	185743	21.12	ug/l		98
70) Styrene	12.19	104	308896	21.52	ug/l		99
71) Bromoform	12.36	173	45406	20.82	ug/l	#	97
73) Isopropylbenzene	12.48	105	510274	21.01	ug/l		100
74) N-amyl acetate	12.28	43	90333	19.54	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77432	21.21	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	54333m	20.55	ug/l		
77) Bromobenzene	12.76	156	121860	21.29	ug/l		98
78) n-propylbenzene	12.81	91	621668	21.31	ug/l		100
79) 2-Chlorotoluene	12.90	91	355430	21.24	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	442282	21.38	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.52	75	22496	19.95	ug/l		98
82) 4-Chlorotoluene	13.00	91	372821	21.20	ug/l		99
83) tert-Butylbenzene	13.21	119	384065	21.23	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	444721	21.39	ug/l		99
85) sec-Butylbenzene	13.39	105	551861	21.23	ug/l		97
86) p-Isopropyltoluene	13.51	119	493533	21.44	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	256618	21.35	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	254834	21.59	ug/l		99
89) n-Butylbenzene	13.83	91	444149	20.53	ug/l		99
90) Hexachloroethane	14.10	117	77580	21.04	ug/l		100
91) 1,2-Dichlorobenzene	13.88	146	224075	21.21	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11922	19.64	ug/l		98

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	151626	20.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	100074	20.92	ug/l	100
95) Naphthalene	15.38	128	234129	19.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	132020	20.53	ug/l	99

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

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