Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004614.D
Acq On : 10 Aug 2018 23:51
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
8/13/2018 12:57:18 PM

Quant Time: Aug 11 02:59:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	684647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1059888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1010340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	528750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	371861	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
35) Dibromofluoromethane	7.88	113	356567	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
50) Toluene-d8	10.33	98	1392739	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
62) 4-Bromofluorobenzene	12.62	95	507603	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	204219	43.47	ug/l	98
3) Chloromethane	2.21	50	298389	45.59	ug/l	100
4) Vinyl Chloride	2.37	62	433646	47.42	ug/l	99
5) Bromomethane	2.78	94	260515	48.93	ug/l	99
6) Chloroethane	2.93	64	270307	49.47	ug/l	96
7) Trichlorofluoromethane	3.26	101	191203	56.62	ug/l	100
8) Diethyl Ether	3.68	74	206225	48.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	360127	48.28	ug/l	99
10) Methyl Iodide	4.27	142	551303	49.26	ug/l	100
11) Tert butyl alcohol	5.20	59	113020	254.69	ug/l	99
12) 1,1-Dichloroethene	4.04	96	359961	47.94	ug/l	99
13) Acrolein	3.89	56	147976	272.16	ug/l	99
14) Allyl chloride	4.67	41	585576	51.91	ug/l	98
15) Acrylonitrile	5.37	53	493443	259.91	ug/l	98
16) Acetone	4.13	43	462188	244.20	ug/l	96
17) Carbon Disulfide	4.38	76	1166918	48.36	ug/l	99
18) Methyl Acetate	4.67	43	235025	49.80	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	515812	50.37	ug/l	96
20) Methylene Chloride	4.91	84	425607	45.19	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	398304	49.23	ug/l	99
22) Diisopropyl ether	6.31	45	1224576	52.83	ug/l	99
23) Vinyl Acetate	6.26	43	3593730	257.95	ug/l	99
24) 1,1-Dichloroethane	6.21	63	727182	49.01	ug/l	99
25) 2-Butanone	7.18	43	753863	247.61	ug/l	100
26) 2,2-Dichloropropane	7.17	77	369075	47.39	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	437114	50.21	ug/l	99
28) Bromochloromethane	7.51	49	315607	48.89	ug/l	100
29) Tetrahydrofuran	7.53	42	405712	257.77	ug/l	99
30) Chloroform	7.68	83	713850	48.98	ug/l	100
31) Cyclohexane	7.96	56	667427	47.01	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	544227	49.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	568588	49.82	ug/l	99
37) Ethyl Acetate	7.26	43	263921	49.38	ug/l	99
38) Carbon Tetrachloride	8.07	117	508196	49.49	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	709205	50.70	ug/l		97
40) Benzene	8.32	78	1679942	50.13	ug/l		100
41) Methacrylonitrile	7.49	41	156825	52.53	ug/l		98
42) 1,2-Dichloroethane	8.40	62	456522	49.24	ug/l		100
43) Isopropyl Acetate	8.43	43	466491	50.07	ug/l		99
44) Trichloroethene	9.09	130	403703	49.02	ug/l		99
45) 1,2-Dichloropropane	9.37	63	419364	49.97	ug/l		99
46) Dibromomethane	9.46	93	212496	49.74	ug/l		99
47) Bromodichloromethane	9.65	83	497761	49.36	ug/l		99
48) Methyl methacrylate	9.44	41	228791	52.54	ug/l		99
49) 1,4-Dioxane	9.46	88	73056	1120.82	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.21	43	1706489	263.14	ug/l		100
52) Toluene	10.39	92	1004349	50.82	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	499598	49.34	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	593020	50.25	ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	300653	49.10	ug/l		99
56) Ethyl methacrylate	10.65	69	392671	53.56	ug/l		99
57) 1,3-Dichloropropane	10.94	76	527373	49.97	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	999946	256.58	ug/l		99
59) 2-Hexanone	10.98	43	1166837	265.38	ug/l		99
60) Dibromochloromethane	11.13	129	331632	49.79	ug/l		99
61) 1,2-Dibromoethane	11.24	107	287808	50.03	ug/l		99
64) Tetrachloroethene	10.87	164	355336	50.42	ug/l		98
65) Chlorobenzene	11.66	112	1105594	49.65	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	376278	49.64	ug/l		99
67) Ethyl Benzene	11.74	91	1947029	51.58	ug/l		98
68) m/p-Xylenes	11.84	106	1508420	103.41	ug/l		100
69) o-Xylene	12.17	106	708105	52.34	ug/l		100
70) Styrene	12.18	104	1206742	52.80	ug/l		99
71) Bromoform	12.35	173	207795	49.86	ug/l	#	100
73) Isopropylbenzene	12.47	105	1949079	53.29	ug/l		100
74) N-amyl acetate	12.28	43	464899	52.42	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	384038	50.30	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	251544m	45.97	ug/l		
77) Bromobenzene	12.75	156	448664	50.70	ug/l		99
78) n-propylbenzene	12.81	91	2404915	53.29	ug/l		100
79) 2-Chlorotoluene	12.90	91	1359246	52.05	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	1679232	53.82	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	109682	47.99	ug/l		97
82) 4-Chlorotoluene	12.99	91	1443814	52.09	ug/l		100
83) tert-Butylbenzene	13.21	119	1420343	54.28	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	1735233	53.73	ug/l		99
85) sec-Butylbenzene	13.39	105	2102633	53.26	ug/l		100
86) p-Isopropyltoluene	13.51	119	1842337	53.85	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	913483	50.10	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	910608	50.17	ug/l		100
89) n-Butylbenzene	13.83	91	1782642	53.04	ug/l		100
90) Hexachloroethane	14.10	117	323707	51.14	ug/l		100
91) 1,2-Dichlorobenzene	13.88	146	830599	50.21	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61934	49.65	ug/l		99

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	594084	51.87	ug/l	99
94) Hexachlorobutadiene	15.24	225	347084	52.05	ug/l	100
95) Naphthalene	15.38	128	1167759	49.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	540141	52.48	ug/l	99

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

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