Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Data File : VW005894.D
Acq On : 08 Oct 2018 14:09
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW100818

Manual Integrations APPROVED
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10/9/2018 4:12:32 PM

Quant Time: Oct 09 06:58:29 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	337382	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	490936	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	441710	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245058	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	158808	48.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.98%				
35) Dibromofluoromethane	7.88	113	159371	50.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.70%				
50) Toluene-d8	10.32	98	625219	51.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.68%				
62) 4-Bromofluorobenzene	12.62	95	235606	51.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	91333	55.24	ug/l		99
3) Chloromethane	2.21	50	97397	50.08	ug/l		100
4) Vinyl Chloride	2.37	62	165528	53.61	ug/l		99
5) Bromomethane	2.78	94	131928	54.14	ug/l		98
6) Chloroethane	2.93	64	109412	55.62	ug/l		99
7) Trichlorofluoromethane	3.26	101	134736	54.98	ug/l		98
8) Diethyl Ether	3.67	74	73466	48.71	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157114	50.80	ug/l		99
10) Methyl Iodide	4.26	142	259498	51.30	ug/l		99
11) Tert butyl alcohol	5.23	59	51668	215.25	ug/l	#	94
12) 1,1-Dichloroethene	4.03	96	151752	51.09	ug/l		99
13) Acrolein	3.89	56	43226	202.08	ug/l		98
14) Allyl chloride	4.66	41	249546	49.27	ug/l		100
15) Acrylonitrile	5.37	53	152776	232.75	ug/l		99
16) Acetone	4.14	43	163060	249.25	ug/l		98
17) Carbon Disulfide	4.37	76	469070	52.24	ug/l		100
18) Methyl Acetate	4.67	43	79804	48.34	ug/l		99
19) Methyl tert-butyl Ether	5.42	73	223084	48.28	ug/l		100
20) Methylene Chloride	4.91	84	151669	46.27	ug/l		100
21) trans-1,2-Dichloroethene	5.42	96	166355	51.39	ug/l		97
22) Diisopropyl ether	6.31	45	465352	49.15	ug/l		98
23) Vinyl Acetate	6.26	43	1396295	239.61	ug/l		100
24) 1,1-Dichloroethane	6.21	63	291272	50.27	ug/l		99
25) 2-Butanone	7.18	43	215325	231.41	ug/l		100
26) 2,2-Dichloropropane	7.17	77	203889	50.00	ug/l		100
27) cis-1,2-Dichloroethene	7.17	96	186299	50.89	ug/l		99
28) Bromochloromethane	7.51	49	97232	45.46	ug/l		100
29) Tetrahydrofuran	7.54	42	132661	225.54	ug/l		99
30) Chloroform	7.68	83	301722	50.70	ug/l		99
31) Cyclohexane	7.95	56	277026	48.31	ug/l		98
32) 1,1,1-Trichloroethane	7.87	97	270473	51.03	ug/l		99
36) 1,1-Dichloropropene	8.08	75	245328	52.15	ug/l		100
37) Ethyl Acetate	7.26	43	91680	46.02	ug/l		99
38) Carbon Tetrachloride	8.07	117	264045	52.24	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	326760	52.66	ug/l		99
40) Benzene	8.32	78	664666	51.62	ug/l		100
41) Methacrylonitrile	7.48	41	57334	45.97	ug/l		96
42) 1,2-Dichloroethane	8.40	62	192821	49.57	ug/l		100
43) Isopropyl Acetate	8.43	43	200270	48.13	ug/l		99
44) Trichloroethene	9.09	130	197463	52.86	ug/l		97
45) 1,2-Dichloropropane	9.37	63	163138	50.62	ug/l		99
46) Dibromomethane	9.46	93	89059	50.28	ug/l		99
47) Bromodichloromethane	9.65	83	223697	50.19	ug/l		99
48) Methyl methacrylate	9.44	41	95734	48.29	ug/l		99
49) 1,4-Dioxane	9.48	88	27256	1013.06	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.21	43	487181	240.42	ug/l		100
52) Toluene	10.39	92	436750	51.64	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	237600	51.01	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	266005	50.80	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	120462	49.10	ug/l		98
56) Ethyl methacrylate	10.65	69	162142	49.04	ug/l		99
57) 1,3-Dichloropropane	10.93	76	207206	50.20	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	299984	222.97	ug/l		100
59) 2-Hexanone	10.97	43	350169	241.01	ug/l		100
60) Dibromochloromethane	11.13	129	158099	49.94	ug/l		99
61) 1,2-Dibromoethane	11.24	107	122550	49.99	ug/l		100
64) Tetrachloroethene	10.87	164	171253	52.05	ug/l		99
65) Chlorobenzene	11.66	112	492835	52.09	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	182168	52.53	ug/l		99
67) Ethyl Benzene	11.73	91	876240	52.43	ug/l		99
68) m/p-Xylenes	11.84	106	687610	105.28	ug/l		100
69) o-Xylene	12.17	106	326897	52.28	ug/l		99
70) Styrene	12.18	104	542925	52.34	ug/l		100
71) Bromoform	12.35	173	104756	50.71	ug/l		99
73) Isopropylbenzene	12.47	105	925404	51.71	ug/l		100
74) N-amyl acetate	12.27	43	205827	48.43	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.72	83	142065	48.43	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	110065m	50.28	ug/l		
77) Bromobenzene	12.75	156	218239	51.47	ug/l		99
78) n-propylbenzene	12.81	91	1090355	51.79	ug/l		100
79) 2-Chlorotoluene	12.90	91	610704	51.39	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	783538	51.86	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	50239	48.45	ug/l		100
82) 4-Chlorotoluene	12.99	91	647153	51.76	ug/l		100
83) tert-Butylbenzene	13.21	119	702638	52.28	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	793887	52.09	ug/l		100
85) sec-Butylbenzene	13.39	105	990837	52.53	ug/l		100
86) p-Isopropyltoluene	13.51	119	894272	52.72	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	442081	52.48	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	434242	51.88	ug/l		100
89) n-Butylbenzene	13.83	91	846914	52.96	ug/l		99
90) Hexachloroethane	14.10	117	166444	52.17	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	385982	51.61	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26590	48.64	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	299143	51.59	ug/l	99
94) Hexachlorobutadiene	15.24	225	193068	53.34	ug/l	100
95) Naphthalene	15.38	128	507581	50.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	259214	51.62	ug/l	99

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

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