Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010819\
Data File : VW008090.D
Acq On : 08 Jan 2019 17:30
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
1/9/2019 11:08:05 AM

Quant Time: Jan 09 04:00:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105549	92.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 184.74%			
35) Dibromofluoromethane	7.88	113	99899	94.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 189.98%			
50) Toluene-d8	10.32	98	411856	102.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 204.10%			
62) 4-Bromofluorobenzene	12.62	95	142410	93.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 186.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	84646	93.480	ug/l	99
3) Chloromethane	2.22	50	99400	132.430	ug/l	94
4) Vinyl Chloride	2.37	62	125652	128.702	ug/l	95
5) Bromomethane	2.79	94	100187	157.873	ug/l	99
6) Chloroethane	2.93	64	106814	196.981	ug/l	97
7) Trichlorofluoromethane	3.26	101	112297	119.423	ug/l	95
8) Diethyl Ether	3.68	74	60991	123.703	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110961	103.234	ug/l	96
10) Methyl Iodide	4.26	142	171087	100.079	ug/l	98
11) Tert butyl alcohol	5.23	59	33390	445.755	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	109506	105.309	ug/l	96
13) Acrolein	3.90	56	40820	737.023	ug/l	99
14) Allyl chloride	4.66	41	199930	133.872	ug/l	99
15) Acrylonitrile	5.37	53	119765	660.907	ug/l	99
16) Acetone	4.14	43	98560	542.019	ug/l	92
17) Carbon Disulfide	4.37	76	347342	109.148	ug/l	98
18) Methyl Acetate	4.67	43	73340	147.233	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	171162	104.466	ug/l	95
20) Methylene Chloride	4.91	84	111378	91.282	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	115993	102.612	ug/l	95
22) Diisopropyl ether	6.31	45	370637	137.140	ug/l	99
23) Vinyl Acetate	6.26	43	1007995	675.243	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211818	111.014	ug/l	99
25) 2-Butanone	7.18	43	146546	659.818	ug/l	98
26) 2,2-Dichloropropane	7.17	77	137664	90.507	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	126599	104.863	ug/l	97
28) Bromochloromethane	7.51	49	80062	123.453	ug/l	95
29) Tetrahydrofuran	7.54	42	101335	717.541	ug/l	99
30) Chloroform	7.68	83	204068	97.832	ug/l	97
31) Cyclohexane	7.96	56	212918	116.213	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178596	91.111	ug/l	99
36) 1,1-Dichloropropene	8.09	75	174523	105.086	ug/l	98
37) Ethyl Acetate	7.25	43	70321	132.784	ug/l	98
38) Carbon Tetrachloride	8.07	117	166010	86.828	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	227968	109.533	ug/l		94
40) Benzene	8.32	78	482967	109.389	ug/l		99
41) Methacrylonitrile	7.49	41	43223	142.302	ug/l		94
42) 1,2-Dichloroethane	8.40	62	130887	91.526	ug/l		99
43) Isopropyl Acetate	8.43	43	144228	137.800	ug/l		99
44) Trichloroethene	9.09	130	126861	99.939	ug/l		97
45) 1,2-Dichloropropane	9.37	63	118567	121.069	ug/l		97
46) Dibromomethane	9.46	93	58234	105.238	ug/l		96
47) Bromodichloromethane	9.64	83	151115	98.354	ug/l		99
48) Methyl methacrylate	9.44	41	70898	134.106	ug/l		96
49) 1,4-Dioxane	9.48	88	18956	2287.652	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.21	43	338843	689.824	ug/l		100
52) Toluene	10.39	92	303245	104.192	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	162121	108.343	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	186983	110.939	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	83078	110.567	ug/l		98
56) Ethyl methacrylate	10.65	69	109906	126.107	ug/l		98
57) 1,3-Dichloropropane	10.93	76	150126	115.084	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	264727	622.054	ug/l		98
59) 2-Hexanone	10.97	43	232446	687.660	ug/l		99
60) Dibromochloromethane	11.13	129	99504	99.015	ug/l		99
61) 1,2-Dibromoethane	11.24	107	81515	108.353	ug/l		99
64) Tetrachloroethene	10.86	164	102865	101.223	ug/l		98
65) Chlorobenzene	11.66	112	326121	102.017	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	109927	96.217	ug/l		99
67) Ethyl Benzene	11.73	91	592129	103.629	ug/l		99
68) m/p-Xylenes	11.84	106	446280	202.543	ug/l		100
69) o-Xylene	12.17	106	212528	103.707	ug/l		97
70) Styrene	12.18	104	340649	102.242	ug/l		99
71) Bromoform	12.35	173	54013	102.466	ug/l	#	97
73) Isopropylbenzene	12.47	105	570910	101.844	ug/l		99
74) N-amyl acetate	12.27	43	131076	140.552	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	91677	123.971	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	68942m	119.814	ug/l		
77) Bromobenzene	12.75	156	125544	105.108	ug/l		92
78) n-propylbenzene	12.81	91	685679	104.326	ug/l		99
79) 2-Chlorotoluene	12.90	91	381248	101.064	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	467205	97.519	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	30864	126.016	ug/l		98
82) 4-Chlorotoluene	12.99	91	398327	99.376	ug/l		99
83) tert-Butylbenzene	13.21	119	414424	98.481	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	467408	95.850	ug/l		98
85) sec-Butylbenzene	13.39	105	594901	101.845	ug/l		99
86) p-Isopropyltoluene	13.51	119	515645	98.421	ug/l		98
87) 1,3-Dichlorobenzene	13.51	146	245749	101.130	ug/l		98
88) 1,4-Dichlorobenzene	13.58	146	241902	100.339	ug/l		98
89) n-Butylbenzene	13.83	91	502262	103.750	ug/l		99
90) Hexachloroethane	14.10	117	91741	101.235	ug/l		91
91) 1,2-Dichlorobenzene	13.88	146	216987	101.441	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14690	100.962	ug/l		90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	150704	102.112 ug/l	98
94) Hexachlorobutadiene	15.24	225	83867	99.140 ug/l	99
95) Naphthalene	15.38	128	283232	110.718 ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	130445	106.231 ug/l	98

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

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