Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
Data File : VY000487.D
Acq On : 30 Oct 2019 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 30 13:27:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:10:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
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10/31/2019 11:31:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	243328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	254417	101.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 202.06%			
35) Dibromofluoromethane	7.73	113	236083	98.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.68%			
50) Toluene-d8	10.18	98	978925	107.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 214.94%			
62) 4-Bromofluorobenzene	12.48	95	347801	100.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 200.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	252890	105.577	ug/l	96
3) Chloromethane	2.11	50	341434	103.475	ug/l	99
4) Vinyl Chloride	2.25	62	321361	104.877	ug/l	98
5) Bromomethane	2.64	94	177489	96.595	ug/l	99
6) Chloroethane	2.79	64	197252	102.857	ug/l	95
7) Trichlorofluoromethane	3.13	101	417649	100.928	ug/l	96
8) Diethyl Ether	3.53	74	144670	98.391	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	248594	99.368	ug/l	99
10) Methyl Iodide	4.09	142	346105	117.291	ug/l	99
11) Tert butyl alcohol	4.98	59	104842	427.710	ug/l	100
12) 1,1-Dichloroethene	3.87	96	250099	102.897	ug/l	95
13) Acrolein	3.73	56	104083	487.470	ug/l	100
14) Allyl chloride	4.49	41	423842	107.241	ug/l	100
15) Acrylonitrile	5.18	53	363111	482.079	ug/l	99
16) Acetone	3.95	43	345089	497.228	ug/l	96
17) Carbon Disulfide	4.19	76	807016	105.271	ug/l	99
18) Methyl Acetate	4.49	43	200028	92.693	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	681174	100.796	ug/l	100
20) Methylene Chloride	4.72	84	274280	92.231	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	280662	102.139	ug/l	98
22) Diisopropyl ether	6.13	45	941945	109.651	ug/l	96
23) Vinyl Acetate	6.07	43	2856789	526.818	ug/l	99
24) 1,1-Dichloroethane	6.03	63	484207	104.045	ug/l	100
25) 2-Butanone	7.00	43	531750	480.084	ug/l	97
26) 2,2-Dichloropropane	6.99	77	424764	99.875	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	309441	102.987	ug/l	99
28) Bromochloromethane	7.35	49	219602	116.829	ug/l	96
29) Tetrahydrofuran	7.36	42	328969	485.492	ug/l	98
30) Chloroform	7.52	83	479171	101.782	ug/l	98
31) Cyclohexane	7.79	56	486031	99.713	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	431984	102.958	ug/l	99
36) 1,1-Dichloropropene	7.92	75	391348	101.237	ug/l	99
37) Ethyl Acetate	7.08	43	217873	94.932	ug/l	99
38) Carbon Tetrachloride	7.91	117	381167	102.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	510941	102.308	ug/l	95
40) Benzene	8.17	78	1154793	101.895	ug/l	99
41) Methacrylonitrile	7.33	41	113619m	88.774	ug/l	
42) 1,2-Dichloroethane	8.25	62	322662	100.381	ug/l	99
43) Isopropyl Acetate	8.28	43	419052	97.199	ug/l	100
44) Trichloroethene	8.94	130	298350	99.845	ug/l	100
45) 1,2-Dichloropropane	9.22	63	285631	102.402	ug/l	97
46) Dibromomethane	9.31	93	151745	98.920	ug/l	99
47) Bromodichloromethane	9.50	83	377695	103.765	ug/l	99
48) Methyl methacrylate	9.30	41	188231	99.926	ug/l	97
49) 1,4-Dioxane	9.31	88	40488	1961.103	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1115000	486.435	ug/l	99
52) Toluene	10.25	92	751475	104.878	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	409049	105.175	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	471244	105.767	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	221315	99.747	ug/l	98
56) Ethyl methacrylate	10.51	69	325732	103.580	ug/l	99
57) 1,3-Dichloropropane	10.79	76	388027	99.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	696858	490.158	ug/l	98
59) 2-Hexanone	10.83	43	831545	497.908	ug/l	99
60) Dibromochloromethane	10.99	129	265794	104.585	ug/l	99
61) 1,2-Dibromoethane	11.09	107	213484	100.071	ug/l	99
64) Tetrachloroethene	10.72	164	297290	96.369	ug/l	97
65) Chlorobenzene	11.52	112	772903	102.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	273118	104.110	ug/l	99
67) Ethyl Benzene	11.59	91	1438131	103.305	ug/l	99
68) m/p-Xylenes	11.70	106	1108576	205.745	ug/l	97
69) o-Xylene	12.03	106	525668	103.807	ug/l	98
70) Styrene	12.05	104	929563	107.201	ug/l	99
71) Bromoform	12.21	173	155942	103.350	ug/l	100
73) Isopropylbenzene	12.33	105	1428421	104.585	ug/l	100
74) N-amyl acetate	12.14	43	419047	107.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	271391	100.356	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	195754m	57.281	ug/l	
77) Bromobenzene	12.61	156	307476	99.276	ug/l	97
78) n-propylbenzene	12.67	91	1731861	105.093	ug/l	100
79) 2-Chlorotoluene	12.75	91	949448	103.780	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1183745	104.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	102139	108.836	ug/l	95
82) 4-Chlorotoluene	12.85	91	1005106	105.987	ug/l	98
83) tert-Butylbenzene	13.07	119	1014117	104.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1175532	103.794	ug/l	100
85) sec-Butylbenzene	13.25	105	1463377	105.755	ug/l	100
86) p-Isopropyltoluene	13.37	119	1284831	104.182	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	603421	99.468	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	607757	100.256	ug/l	100
89) n-Butylbenzene	13.69	91	1281343	105.342	ug/l	100
90) Hexachloroethane	13.96	117	240596	105.528	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	555772	100.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	44279	92.517	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	368917	98.436	ug/l	98
94) Hexachlorobutadiene	15.11	225	183218	94.838	ug/l	98
95) Naphthalene	15.23	128	813151	97.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	325677	96.860	ug/l	98

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

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