Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052019\
Data File : VW010453.D
Acq On : 20 May 2019 17:20
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
5/21/2019 11:28:53 AM

Quant Time: May 21 06:39:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	243299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	219187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	216142	142.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 284.62%			
35) Dibromofluoromethane	7.88	113	223791	150.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 300.12%			
50) Toluene-d8	10.32	98	853254	152.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 305.86%			
62) 4-Bromofluorobenzene	12.62	95	328390	149.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 299.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	187827	155.583	ug/l	99
3) Chloromethane	2.21	50	215846	132.512	ug/l	99
4) Vinyl Chloride	2.36	62	257114	149.728	ug/l	100
5) Bromomethane	2.73	94	177179	176.453	ug/l	99
6) Chloroethane	2.89	64	155685	144.858	ug/l	98
7) Trichlorofluoromethane	3.25	101	378198	158.299	ug/l	98
8) Diethyl Ether	3.68	74	121928	146.133	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	230039	152.239	ug/l	98
10) Methyl Iodide	4.26	142	295209	172.464	ug/l	98
11) Tert butyl alcohol	5.17	59	94792	691.177	ug/l	99
12) 1,1-Dichloroethene	4.03	96	221190	154.397	ug/l	98
13) Acrolein	3.89	56	53518	521.285	ug/l	96
14) Allyl chloride	4.67	41	330036	150.452	ug/l	99
15) Acrylonitrile	5.37	53	251081	712.261	ug/l	99
16) Acetone	4.12	43	226482	809.328	ug/l	98
17) Carbon Disulfide	4.37	76	680472	163.779	ug/l	99
18) Methyl Acetate	4.67	43	106984	128.158	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	571814	142.563	ug/l	98
20) Methylene Chloride	4.92	84	244478	144.573	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	255561	153.436	ug/l	98
22) Diisopropyl ether	6.31	45	675535	145.541	ug/l	99
23) Vinyl Acetate	6.26	43	2068076	720.654	ug/l	98
24) 1,1-Dichloroethane	6.21	63	402248	148.354	ug/l	98
25) 2-Butanone	7.17	43	322288	706.754	ug/l	99
26) 2,2-Dichloropropane	7.17	77	363921	147.358	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	278094	149.845	ug/l	100
28) Bromochloromethane	7.51	49	145353	145.727	ug/l	98
29) Tetrahydrofuran	7.53	42	213290	691.249	ug/l	99
30) Chloroform	7.68	83	426164	149.299	ug/l	100
31) Cyclohexane	7.95	56	383211	139.934	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	401409	148.835	ug/l	99
36) 1,1-Dichloropropene	8.08	75	331167	151.139	ug/l	100
37) Ethyl Acetate	7.25	43	145553	142.110	ug/l	100
38) Carbon Tetrachloride	8.07	117	363392	153.660	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	447382	152.420	ug/l		100
40) Benzene	8.32	78	944899	151.557	ug/l		100
41) Methacrylonitrile	7.48	41	86466	144.892	ug/l		97
42) 1,2-Dichloroethane	8.40	62	271233	147.599	ug/l		100
43) Isopropyl Acetate	8.43	43	295286	142.403	ug/l		99
44) Trichloroethene	9.09	130	282165	157.385	ug/l		100
45) 1,2-Dichloropropane	9.37	63	228242	150.835	ug/l		98
46) Dibromomethane	9.46	93	131829	148.052	ug/l		96
47) Bromodichloromethane	9.65	83	337965	152.037	ug/l		98
48) Methyl methacrylate	9.43	41	134544	140.374	ug/l		96
49) 1,4-Dioxane	9.45	88	40515	3073.940	ug/l		98
51) 4-Methyl-2-Pentanone	10.21	43	737552	694.392	ug/l		99
52) Toluene	10.39	92	640497	154.697	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	342790	150.105	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	392560	151.174	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	191083	148.773	ug/l		99
56) Ethyl methacrylate	10.65	69	261295	145.684	ug/l		99
57) 1,3-Dichloropropane	10.93	76	317733	147.379	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	589603	705.890	ug/l		99
59) 2-Hexanone	10.97	43	523541	705.655	ug/l		99
60) Dibromochloromethane	11.13	129	247880	155.123	ug/l		100
61) 1,2-Dibromoethane	11.24	107	193687	148.495	ug/l		98
64) Tetrachloroethene	10.87	164	229667	156.716	ug/l		97
65) Chlorobenzene	11.66	112	694317	154.096	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	249825	150.393	ug/l		99
67) Ethyl Benzene	11.73	91	1203089	151.162	ug/l		100
68) m/p-Xylenes	11.84	106	953050	305.775	ug/l		99
69) o-Xylene	12.17	106	455823	153.723	ug/l		99
70) Styrene	12.18	104	786305	154.254	ug/l		100
71) Bromoform	12.35	173	147556	159.842	ug/l	#	99
73) Isopropylbenzene	12.47	105	1220572	146.634	ug/l		100
74) N-amyl acetate	12.27	43	300777	144.311	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	222518	137.880	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	157663m	140.121	ug/l		
77) Bromobenzene	12.75	156	285708	152.336	ug/l		99
78) n-propylbenzene	12.80	91	1427788	148.253	ug/l		99
79) 2-Chlorotoluene	12.90	91	827759	147.305	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	1037314	146.761	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	78401	137.514	ug/l		98
82) 4-Chlorotoluene	12.99	91	859346	146.702	ug/l		99
83) tert-Butylbenzene	13.21	119	907855	151.464	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	1026445	147.318	ug/l		100
85) sec-Butylbenzene	13.39	105	1248271	148.061	ug/l		99
86) p-Isopropyltoluene	13.50	119	1148214	150.399	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	544879	150.730	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	541765	150.165	ug/l		99
89) n-Butylbenzene	13.83	91	1091046	149.988	ug/l		100
90) Hexachloroethane	14.10	117	230599	150.802	ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	492711	150.497	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39915	132.616	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	331949	153.500	ug/l	100
94) Hexachlorobutadiene	15.24	225	180206	155.325	ug/l	98
95) Naphthalene	15.37	128	698624	145.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	287982	151.517	ug/l	100

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

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