Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010418.D
Acq On : 17 May 2019 17:31
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
5/20/2019 12:15:57 PM

Quant Time: May 17 23:41:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:21:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	732090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1315363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1163173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	541621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	89539	11.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 23.78%			
35) Dibromofluoromethane	7.88	113	87027	11.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 22.22%			
50) Toluene-d8	10.32	98	330299	11.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 22.28%			
62) 4-Bromofluorobenzene	12.62	95	128607	11.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 22.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	63945	13.864	ug/l	95
3) Chloromethane	2.21	50	95312	15.051	ug/l	94
4) Vinyl Chloride	2.35	62	99552	12.502	ug/l	95
5) Bromomethane	2.75	94	59540	11.714	ug/l	95
6) Chloroethane	2.90	64	60866	12.793	ug/l	90
7) Trichlorofluoromethane	3.25	101	137724	25.043	ug/l	98
8) Diethyl Ether	3.68	74	48591	12.653	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	85365	12.542	ug/l	98
10) Methyl Iodide	4.27	142	92552	8.814	ug/l	99
11) Tert butyl alcohol	5.18	59	44318	71.662	ug/l	98
12) 1,1-Dichloroethene	4.03	96	84024	11.819	ug/l	98
13) Acrolein	3.89	56	35718	91.252	ug/l	98
14) Allyl chloride	4.67	41	131133	14.225	ug/l	99
15) Acrylonitrile	5.37	53	109150	64.466	ug/l	99
16) Acetone	4.12	43	81725	60.537	ug/l	94
17) Carbon Disulfide	4.37	76	240921	12.459	ug/l	99
18) Methyl Acetate	4.68	43	54617	12.667	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	238628	20.520	ug/l	100
20) Methylene Chloride	4.91	84	98308	12.460	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	98454	12.427	ug/l	96
22) Diisopropyl ether	6.31	45	271627	12.359	ug/l	98
23) Vinyl Acetate	6.26	43	850399	56.841	ug/l	99
24) 1,1-Dichloroethane	6.21	63	157692	11.766	ug/l	99
25) 2-Butanone	7.18	43	141092	55.788	ug/l	100
26) 2,2-Dichloropropane	7.16	77	148049	19.407	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	108884	11.910	ug/l	97
28) Bromochloromethane	7.51	49	61602	11.082	ug/l	100
29) Tetrahydrofuran	7.52	42	94188	55.595	ug/l	99
30) Chloroform	7.68	83	164300	11.668	ug/l	92
31) Cyclohexane	7.95	56	168196	12.905	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	159106	14.013	ug/l	99
36) 1,1-Dichloropropene	8.08	75	133134	11.763	ug/l	100
37) Ethyl Acetate	7.25	43	66001	11.630	ug/l	99
38) Carbon Tetrachloride	8.07	117	142029	12.235	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	172902	11.532	ug/l		92
40) Benzene	8.32	78	378905	11.508	ug/l		98
41) Methacrylonitrile	7.49	41	39987	11.597	ug/l		95
42) 1,2-Dichloroethane	8.40	62	113543	11.827	ug/l		99
43) Isopropyl Acetate	8.43	43	128629	11.001	ug/l		99
44) Trichloroethene	9.09	130	107112	11.391	ug/l		100
45) 1,2-Dichloropropane	9.37	63	90906	11.129	ug/l		100
46) Dibromomethane	9.46	93	53949	11.343	ug/l		99
47) Bromodichloromethane	9.64	83	133299	11.429	ug/l		99
48) Methyl methacrylate	9.44	41	60692	11.294	ug/l		98
49) 1,4-Dioxane	9.45	88	16905	203.362	ug/l		94
51) 4-Methyl-2-Pentanone	10.21	43	337889	55.822	ug/l		99
52) Toluene	10.39	92	250646	11.423	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	137179	11.165	ug/l		96
54) cis-1,3-Dichloropropene	10.07	75	157323	11.326	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	77042	11.202	ug/l		97
56) Ethyl methacrylate	10.65	69	108704	11.131	ug/l		99
57) 1,3-Dichloropropane	10.93	76	133098	11.570	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	265086	61.933	ug/l		100
59) 2-Hexanone	10.97	43	237264	55.573	ug/l		100
60) Dibromochloromethane	11.13	129	96432	11.225	ug/l		97
61) 1,2-Dibromoethane	11.24	107	80307	11.571	ug/l		99
64) Tetrachloroethene	10.86	164	85663	11.142	ug/l		95
65) Chlorobenzene	11.66	112	265999	11.525	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.73	131	99517	11.644	ug/l		98
67) Ethyl Benzene	11.73	91	474355	11.573	ug/l		100
68) m/p-Xylenes	11.84	106	370736	23.116	ug/l		98
69) o-Xylene	12.16	106	175519	11.355	ug/l		98
70) Styrene	12.18	104	298844	11.122	ug/l		99
71) Bromoform	12.35	173	53917	10.879	ug/l	#	99
73) Isopropylbenzene	12.46	105	473879	11.993	ug/l		99
74) N-amyl acetate	12.27	43	122096	11.160	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	97099	12.504	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	67912m	11.523	ug/l		
77) Bromobenzene	12.75	156	104953	11.512	ug/l		93
78) n-propylbenzene	12.80	91	556371	12.041	ug/l		100
79) 2-Chlorotoluene	12.90	91	324136	12.064	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	404211	11.871	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	34306	12.102	ug/l		97
82) 4-Chlorotoluene	12.99	91	337558	11.974	ug/l		98
83) tert-Butylbenzene	13.21	119	338291	11.783	ug/l		96
84) 1,2,4-Trimethylbenzene	13.26	105	400295	11.788	ug/l		99
85) sec-Butylbenzene	13.38	105	482259	11.876	ug/l		100
86) p-Isopropyltoluene	13.50	119	438038	11.856	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	207936	11.728	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	206758	11.685	ug/l		98
89) n-Butylbenzene	13.83	91	414163	11.745	ug/l		100
90) Hexachloroethane	14.10	117	86548	11.832	ug/l		95
91) 1,2-Dichlorobenzene	13.87	146	187418	11.516	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18007	12.473	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	126726	11.327	ug/l	99
94) Hexachlorobutadiene	15.24	225	67644	11.836	ug/l	98
95) Naphthalene	15.37	128	286822	11.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	110620	11.134	ug/l	98

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

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