Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032919\
Data File : VW009570.D
Acq On : 29 Mar 2019 12:51
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW032919

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:04:49 AM

Quant Time: Mar 29 17:06:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	337067	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	519724	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	473608	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256808	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	186283	48.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.66%				
35) Dibromofluoromethane	7.88	113	158731	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
50) Toluene-d8	10.32	98	606416	50.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.52%				
62) 4-Bromofluorobenzene	12.62	95	229215	50.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	109221	52.736	ug/l		99
3) Chloromethane	2.21	50	143461	50.523	ug/l		95
4) Vinyl Chloride	2.37	62	187965	49.564	ug/l		97
5) Bromomethane	2.78	94	128971	44.081	ug/l		93
6) Chloroethane	2.92	64	128879	45.889	ug/l		97
7) Trichlorofluoromethane	3.25	101	124232	47.945	ug/l		100
8) Diethyl Ether	3.67	74	85758	49.290	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	168157	48.369	ug/l		98
10) Methyl Iodide	4.27	142	226666	47.783	ug/l		96
11) Tert butyl alcohol	5.18	59	55351	247.673	ug/l		100
12) 1,1-Dichloroethene	4.03	96	154753	47.566	ug/l		92
13) Acrolein	3.88	56	41415	252.660	ug/l		94
14) Allyl chloride	4.66	41	275032	52.853	ug/l		98
15) Acrylonitrile	5.36	53	196340	246.881	ug/l		99
16) Acetone	4.12	43	255108	294.371	ug/l		94
17) Carbon Disulfide	4.37	76	439376	47.463	ug/l	#	95
18) Methyl Acetate	4.67	43	105258	50.246	ug/l		99
19) Methyl tert-butyl Ether	5.42	73	232592	51.403	ug/l		99
20) Methylene Chloride	4.92	84	180039	53.203	ug/l		90
21) trans-1,2-Dichloroethene	5.41	96	169534	49.080	ug/l		90
22) Diisopropyl ether	6.31	45	568705	50.605	ug/l		96
23) Vinyl Acetate	6.25	43	1804003	257.320	ug/l		99
24) 1,1-Dichloroethane	6.21	63	328448	48.558	ug/l		99
25) 2-Butanone	7.17	43	306904	256.272	ug/l		99
26) 2,2-Dichloropropane	7.16	77	195881	50.652	ug/l		99
27) cis-1,2-Dichloroethene	7.16	96	187418	49.681	ug/l		96
28) Bromochloromethane	7.51	49	142813	48.725	ug/l		95
29) Tetrahydrofuran	7.52	42	187685	252.395	ug/l		97
30) Chloroform	7.67	83	337920	48.236	ug/l		100
31) Cyclohexane	7.95	56	299369	47.209	ug/l		97
32) 1,1,1-Trichloroethane	7.87	97	278541	49.113	ug/l		96
36) 1,1-Dichloropropene	8.08	75	267015	49.671	ug/l		99
37) Ethyl Acetate	7.25	43	127938	50.094	ug/l		99
38) Carbon Tetrachloride	8.06	117	273409	49.636	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	314554	51.226	ug/l		98
40) Benzene	8.32	78	707739	48.606	ug/l		99
41) Methacrylonitrile	7.48	41	77959	47.118	ug/l		89
42) 1,2-Dichloroethane	8.40	62	236922	47.728	ug/l		98
43) Isopropyl Acetate	8.42	43	249825	49.913	ug/l		99
44) Trichloroethene	9.09	130	183683	48.727	ug/l		97
45) 1,2-Dichloropropane	9.37	63	178676	47.941	ug/l		98
46) Dibromomethane	9.46	93	94917	47.012	ug/l		98
47) Bromodichloromethane	9.64	83	249394	48.425	ug/l		98
48) Methyl methacrylate	9.43	41	122754	52.320	ug/l		93
49) 1,4-Dioxane	9.45	88	28628	952.146	ug/l		98
51) 4-Methyl-2-Pentanone	10.21	43	667468	249.245	ug/l		100
52) Toluene	10.38	92	455691	49.974	ug/l		98
53) t-1,3-Dichloropropene	10.60	75	255658	50.697	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	288223	51.548	ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	131834	48.308	ug/l		96
56) Ethyl methacrylate	10.65	69	172803	46.044	ug/l		96
57) 1,3-Dichloropropane	10.93	76	233451	48.259	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	416420	230.100	ug/l		98
59) 2-Hexanone	10.97	43	491311	265.095	ug/l		98
60) Dibromochloromethane	11.13	129	160550	48.721	ug/l		99
61) 1,2-Dibromoethane	11.24	107	128023	48.919	ug/l		98
64) Tetrachloroethene	10.86	164	156434	48.648	ug/l		97
65) Chlorobenzene	11.66	112	490150	49.139	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	181864	50.040	ug/l		100
67) Ethyl Benzene	11.73	91	916007	52.123	ug/l		98
68) m/p-Xylenes	11.84	106	689491	103.327	ug/l		97
69) o-Xylene	12.17	106	320834	51.629	ug/l		97
70) Styrene	12.18	104	536845	51.721	ug/l		100
71) Bromoform	12.35	173	96560	49.370	ug/l	#	100
73) Isopropylbenzene	12.46	105	951798	53.257	ug/l		100
74) N-amyl acetate	12.27	43	243415	51.664	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	165528	48.976	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	117992m	48.858	ug/l		
77) Bromobenzene	12.75	156	203329	49.404	ug/l		96
78) n-propylbenzene	12.80	91	1162420	52.746	ug/l		100
79) 2-Chlorotoluene	12.90	91	642067	51.266	ug/l		98
80) 1,3,5-Trimethylbenzene	12.94	105	793407	52.715	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	52973	51.009	ug/l		95
82) 4-Chlorotoluene	12.99	91	680514	51.630	ug/l		99
83) tert-Butylbenzene	13.21	119	686150	53.554	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	813472	52.575	ug/l		99
85) sec-Butylbenzene	13.39	105	1028878	53.229	ug/l		99
86) p-Isopropyltoluene	13.50	119	897785	53.400	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	424717	49.980	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	419088	49.376	ug/l		99
89) n-Butylbenzene	13.83	91	894710	53.915	ug/l		99
90) Hexachloroethane	14.10	117	163766	50.867	ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	374973	49.346	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29385	47.625	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263291	53.803	ug/l	99
94) Hexachlorobutadiene	15.24	225	158534	50.444	ug/l	98
95) Naphthalene	15.37	128	489855	49.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	230730	52.772	ug/l	99

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

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