Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
Data File : VW012135.D
Acq On : 23 Aug 2019 16:23
Operator : SY/VA
Sample : VW0823SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBSD01

Manual Integrations APPROVED
MMDadoda
8/26/2019 11:38:37 AM

Quant Time: Aug 26 07:40:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150979	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
35) Dibromofluoromethane	7.88	113	120186	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
50) Toluene-d8	10.32	98	495906	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	12.62	95	171611	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	25160	16.289	ug/l	96
3) Chloromethane	2.21	50	44882	18.755	ug/l	100
4) Vinyl Chloride	2.36	62	55351	18.898	ug/l	100
5) Bromomethane	2.77	94	27455	18.509	ug/l	96
6) Chloroethane	2.92	64	30662	18.557	ug/l	94
7) Trichlorofluoromethane	3.26	101	26060	17.719	ug/l	94
8) Diethyl Ether	3.68	74	28036	20.083	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48375	19.351	ug/l	98
10) Methyl Iodide	4.27	142	63240	18.696	ug/l	99
11) Tert butyl alcohol	5.17	59	19879	110.773	ug/l	99
12) 1,1-Dichloroethene	4.04	96	47548	18.897	ug/l	96
13) Acrolein	3.89	56	17866	105.761	ug/l	99
14) Allyl chloride	4.67	41	104310	19.391	ug/l	100
15) Acrylonitrile	5.37	53	72386	104.613	ug/l	99
16) Acetone	4.12	43	72594	95.234	ug/l	97
17) Carbon Disulfide	4.39	76	131085	17.238	ug/l	98
18) Methyl Acetate	4.67	43	42025	22.259	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	85146	20.925	ug/l	100
20) Methylene Chloride	4.92	84	56421	19.579	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51933	19.247	ug/l	98
22) Diisopropyl ether	6.31	45	206618	20.722	ug/l	98
23) Vinyl Acetate	6.26	43	622340	101.420	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107651	19.829	ug/l	99
25) 2-Butanone	7.17	43	105990	102.323	ug/l	98
26) 2,2-Dichloropropane	7.17	77	61804	20.113	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58645	20.343	ug/l	99
28) Bromochloromethane	7.51	49	49644	20.980	ug/l	99
29) Tetrahydrofuran	7.53	42	67128	108.017	ug/l	99
30) Chloroform	7.68	83	100498	20.233	ug/l	97
31) Cyclohexane	7.96	56	99107	18.451	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	79344	20.193	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82436	19.886	ug/l	100
37) Ethyl Acetate	7.25	43	46840	20.619	ug/l	100
38) Carbon Tetrachloride	8.07	117	71258	19.860	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	86763	18.630	ug/l		95
40) Benzene	8.32	78	224578	19.840	ug/l		100
41) Methacrylonitrile	7.48	41	26263	19.671	ug/l		95
42) 1,2-Dichloroethane	8.40	62	72165	20.342	ug/l		99
43) Isopropyl Acetate	8.42	43	87550	20.807	ug/l		100
44) Trichloroethene	9.09	130	54469	19.795	ug/l		97
45) 1,2-Dichloropropane	9.37	63	61868	20.309	ug/l		98
46) Dibromomethane	9.46	93	27640	20.392	ug/l		99
47) Bromodichloromethane	9.65	83	72506	20.099	ug/l		94
48) Methyl methacrylate	9.43	41	40933	20.439	ug/l		96
49) 1,4-Dioxane	9.45	88	9345	450.359	ug/l		98
51) 4-Methyl-2-Pentanone	10.21	43	225860	105.532	ug/l		100
52) Toluene	10.39	92	135420	19.914	ug/l		98
53) t-1,3-Dichloropropene	10.60	75	73273	19.941	ug/l		97
54) cis-1,3-Dichloropropene	10.07	75	89190	20.102	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	39819	20.763	ug/l		99
56) Ethyl methacrylate	10.65	69	58086	20.811	ug/l		99
57) 1,3-Dichloropropane	10.93	76	74626	20.592	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	146386	102.191	ug/l		100
59) 2-Hexanone	10.97	43	158420	104.613	ug/l		99
60) Dibromochloromethane	11.13	129	43762	20.487	ug/l		99
61) 1,2-Dibromoethane	11.23	107	36758	20.574	ug/l		100
64) Tetrachloroethene	10.86	164	43982	19.607	ug/l		97
65) Chlorobenzene	11.66	112	136115	19.979	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47358	19.925	ug/l		97
67) Ethyl Benzene	11.73	91	261504	19.925	ug/l		98
68) m/p-Xylenes	11.84	106	190581	40.314	ug/l		99
69) o-Xylene	12.16	106	90334	20.646	ug/l		97
70) Styrene	12.18	104	154232	20.365	ug/l		100
71) Bromoform	12.35	173	23466	19.816	ug/l	#	99
73) Isopropylbenzene	12.46	105	251053	20.210	ug/l		99
74) N-amyl acetate	12.27	43	77772	20.722	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47852	21.012	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	34345m	21.272	ug/l		
77) Bromobenzene	12.75	156	55037	20.479	ug/l		99
78) n-propylbenzene	12.80	91	306862	20.235	ug/l		99
79) 2-Chlorotoluene	12.89	91	173960	20.205	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	211049	20.332	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	15241	20.696	ug/l		98
82) 4-Chlorotoluene	12.99	91	181684	20.153	ug/l		100
83) tert-Butylbenzene	13.21	119	178101	20.255	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	210956	20.232	ug/l		99
85) sec-Butylbenzene	13.38	105	254055	20.168	ug/l		99
86) p-Isopropyltoluene	13.50	119	227308	20.205	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	107295	20.412	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	106693	20.442	ug/l		99
89) n-Butylbenzene	13.82	91	223709	19.996	ug/l		100
90) Hexachloroethane	14.09	117	38916	19.717	ug/l		98
91) 1,2-Dichlorobenzene	13.87	146	95617	20.735	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7984	20.796	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65939	20.692	ug/l	99
94) Hexachlorobutadiene	15.24	225	42622	20.256	ug/l	98
95) Naphthalene	15.36	128	116226	21.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57133	20.549	ug/l	98

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

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