Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083019\
Data File : VW012345.D
Acq On : 30 Aug 2019 12:00
Operator : SY/VA
Sample : VW0830SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Aug 30 16:41:34 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	216860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132099	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.48%			
35) Dibromofluoromethane	7.88	113	104914	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.02%			
50) Toluene-d8	10.32	98	424554	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.82%			
62) 4-Bromofluorobenzene	12.62	95	150129	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	20494	15.348	ug/l	91
3) Chloromethane	2.21	50	37574	18.163	ug/l	97
4) Vinyl Chloride	2.36	62	45098	17.811	ug/l	100
5) Bromomethane	2.77	94	23984	18.703	ug/l	92
6) Chloroethane	2.92	64	26145	18.304	ug/l	96
7) Trichlorofluoromethane	3.25	101	25361	19.947	ug/l	99
8) Diethyl Ether	3.68	74	23854	19.766	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41810	19.346	ug/l	99
10) Methyl Iodide	4.27	142	54401	18.604	ug/l	99
11) Tert butyl alcohol	5.17	59	17424	112.312	ug/l	98
12) 1,1-Dichloroethene	4.04	96	39912	18.349	ug/l	99
13) Acrolein	3.89	56	13633	93.354	ug/l	100
14) Allyl chloride	4.67	41	89454	19.236	ug/l	99
15) Acrylonitrile	5.36	53	64752	108.249	ug/l	99
16) Acetone	4.12	43	65880	99.974	ug/l	97
17) Carbon Disulfide	4.38	76	102710	15.624	ug/l	97
18) Methyl Acetate	4.67	43	39246	24.045	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	74144	21.078	ug/l	100
20) Methylene Chloride	4.92	84	49213	19.755	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43532	18.663	ug/l	94
22) Diisopropyl ether	6.31	45	176073	20.427	ug/l	98
23) Vinyl Acetate	6.26	43	533478	100.567	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92896	19.793	ug/l	98
25) 2-Butanone	7.17	43	93020	103.878	ug/l	100
26) 2,2-Dichloropropane	7.16	77	52922	19.922	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	48794	19.579	ug/l	100
28) Bromochloromethane	7.51	49	42807	20.927	ug/l	99
29) Tetrahydrofuran	7.52	42	60268	112.180	ug/l	99
30) Chloroform	7.67	83	86033	20.036	ug/l	97
31) Cyclohexane	7.95	56	83281	17.935	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	67755	19.947	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69481	19.512	ug/l	99
37) Ethyl Acetate	7.25	43	42840	21.955	ug/l	100
38) Carbon Tetrachloride	8.06	117	60276	19.557	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	73229	18.306	ug/l		100
40) Benzene	8.32	78	188857	19.423	ug/l		100
41) Methacrylonitrile	7.48	41	23244	20.268	ug/l		93
42) 1,2-Dichloroethane	8.40	62	62211	20.415	ug/l		99
43) Isopropyl Acetate	8.42	43	77287	21.383	ug/l		99
44) Trichloroethene	9.09	130	46115	19.510	ug/l		96
45) 1,2-Dichloropropane	9.37	63	51571	19.708	ug/l		100
46) Dibromomethane	9.46	93	23149	19.883	ug/l		99
47) Bromodichloromethane	9.65	83	61490	19.844	ug/l		97
48) Methyl methacrylate	9.43	41	34589	20.107	ug/l		94
49) 1,4-Dioxane	9.45	88	7270	407.879	ug/l		96
51) 4-Methyl-2-Pentanone	10.21	43	198868	108.175	ug/l		99
52) Toluene	10.39	92	115153	19.714	ug/l		100
53) t-1,3-Dichloropropene	10.60	75	62878	19.921	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	74373	19.515	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	34300	20.822	ug/l		98
56) Ethyl methacrylate	10.65	69	50922	21.239	ug/l		99
57) 1,3-Dichloropropane	10.93	76	63974	20.551	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	136627	111.037	ug/l		100
59) 2-Hexanone	10.97	43	140455	107.977	ug/l		99
60) Dibromochloromethane	11.13	129	37326	20.343	ug/l		98
61) 1,2-Dibromoethane	11.23	107	32232	21.002	ug/l		98
64) Tetrachloroethene	10.86	164	37650	19.488	ug/l		100
65) Chlorobenzene	11.66	112	117453	20.017	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40973	20.016	ug/l		98
67) Ethyl Benzene	11.73	91	223983	19.816	ug/l		98
68) m/p-Xylenes	11.84	106	160368	39.388	ug/l		100
69) o-Xylene	12.16	106	75783	20.110	ug/l		100
70) Styrene	12.18	104	130942	20.075	ug/l		99
71) Bromoform	12.35	173	21039	20.629	ug/l	#	100
73) Isopropylbenzene	12.46	105	214859	20.093	ug/l		100
74) N-amyl acetate	12.27	43	68456	21.189	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42283	21.569	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	28645m	20.610	ug/l		
77) Bromobenzene	12.75	156	46900	20.274	ug/l		99
78) n-propylbenzene	12.80	91	262121	20.080	ug/l		100
79) 2-Chlorotoluene	12.89	91	147918	19.958	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	180780	20.233	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	12407	19.573	ug/l		92
82) 4-Chlorotoluene	12.99	91	156690	20.192	ug/l		100
83) tert-Butylbenzene	13.21	119	154886	20.464	ug/l		98
84) 1,2,4-Trimethylbenzene	13.25	105	180971	20.163	ug/l		100
85) sec-Butylbenzene	13.38	105	219227	20.217	ug/l		100
86) p-Isopropyltoluene	13.50	119	197629	20.408	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	92584	20.462	ug/l		98
88) 1,4-Dichlorobenzene	13.58	146	91365	20.336	ug/l		97
89) n-Butylbenzene	13.82	91	192392	19.978	ug/l		99
90) Hexachloroethane	14.09	117	33642	19.801	ug/l		97
91) 1,2-Dichlorobenzene	13.87	146	81432	20.515	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6896	20.866	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56891	20.740	ug/l	100
94) Hexachlorobutadiene	15.24	225	38979	21.520	ug/l	96
95) Naphthalene	15.36	128	102469	21.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	50313	21.023	ug/l	98

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

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