Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091519\
Data File : VW012985.D
Acq On : 14 Sep 2019 11:37
Operator : SY/VA
Sample : VW0915SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0915SBS01

Manual Integrations APPROVED
MMDadoda
9/16/2019 11:13:27 AM

Quant Time: Sep 16 07:25:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151817	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.14%			
35) Dibromofluoromethane	7.88	113	129838	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.38%			
50) Toluene-d8	10.32	98	522874	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.50%			
62) 4-Bromofluorobenzene	12.62	95	174212	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	31609	23.814	ug/l	99
3) Chloromethane	2.21	50	36391	21.155	ug/l	94
4) Vinyl Chloride	2.35	62	45609	20.185	ug/l	96
5) Bromomethane	2.77	94	27115	19.650	ug/l	91
6) Chloroethane	2.91	64	27126	19.574	ug/l	95
7) Trichlorofluoromethane	3.24	101	30748	19.459	ug/l	98
8) Diethyl Ether	3.68	74	22228	18.016	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49139	20.504	ug/l	97
10) Methyl Iodide	4.27	142	62577	20.864	ug/l	97
11) Tert butyl alcohol	5.20	59	17176m	72.021	ug/l	
12) 1,1-Dichloroethene	4.03	96	46390	21.289	ug/l	95
13) Acrolein	3.90	56	21639	96.369	ug/l	99
14) Allyl chloride	4.66	41	89749	21.695	ug/l	98
15) Acrylonitrile	5.37	53	59726	94.779	ug/l	97
16) Acetone	4.13	43	59247	80.386	ug/l	95
17) Carbon Disulfide	4.38	76	95314	21.949	ug/l	99
18) Methyl Acetate	4.67	43	31689	19.077	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	82732	19.234	ug/l #	88
20) Methylene Chloride	4.91	84	54730	20.138	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49120	21.047	ug/l	92
22) Diisopropyl ether	6.31	45	177256	20.626	ug/l	96
23) Vinyl Acetate	6.25	43	504825	98.077	ug/l	98
24) 1,1-Dichloroethane	6.21	63	100170	20.216	ug/l	99
25) 2-Butanone	7.17	43	87437	94.313	ug/l	98
26) 2,2-Dichloropropane	7.16	77	70077	19.653	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	58190	20.826	ug/l	98
28) Bromochloromethane	7.51	49	38002	18.222	ug/l #	97
29) Tetrahydrofuran	7.52	42	50133	94.906	ug/l	98
30) Chloroform	7.67	83	103239	20.506	ug/l	97
31) Cyclohexane	7.95	56	90389	21.913	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84862	20.468	ug/l	98
36) 1,1-Dichloropropene	8.08	75	75842	21.294	ug/l	100
37) Ethyl Acetate	7.24	43	36474	19.294	ug/l	97
38) Carbon Tetrachloride	8.06	117	77317	21.184	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.33	83	85702	21.959 ug/l		98
40) Benzene	8.32	78	214393	21.563 ug/l		99
41) Methacrylonitrile	7.48	41	21005	16.872 ug/l		95
42) 1,2-Dichloroethane	8.40	62	69298	20.791 ug/l		98
43) Isopropyl Acetate	8.42	43	70344	19.380 ug/l		99
44) Trichloroethene	9.09	130	55563	20.402 ug/l		94
45) 1,2-Dichloropropane	9.37	63	56075	21.227 ug/l		97
46) Dibromomethane	9.46	93	25827	20.407 ug/l		97
47) Bromodichloromethane	9.64	83	71809	20.228 ug/l		99
48) Methyl methacrylate	9.43	41	32257	18.936 ug/l		99
49) 1,4-Dioxane	9.46	88	6973	328.808 ug/l	#	69
51) 4-Methyl-2-Pentanone	10.21	43	179052	95.548 ug/l		98
52) Toluene	10.38	92	132290	20.938 ug/l		100
53) t-1,3-Dichloropropene	10.60	75	69380	19.432 ug/l		96
54) cis-1,3-Dichloropropene	10.07	75	81241	19.887 ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	39217	20.340 ug/l		98
56) Ethyl methacrylate	10.65	69	48968	18.869 ug/l		97
57) 1,3-Dichloropropane	10.93	76	67055	19.606 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	139041	99.877 ug/l		99
59) 2-Hexanone	10.97	43	124344	95.294 ug/l		96
60) Dibromochloromethane	11.13	129	43153	18.513 ug/l		98
61) 1,2-Dibromoethane	11.23	107	34993	19.896 ug/l		100
64) Tetrachloroethene	10.86	164	47586	21.597 ug/l		96
65) Chlorobenzene	11.65	112	134069	20.322 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51168	20.239 ug/l		100
67) Ethyl Benzene	11.73	91	254686	20.903 ug/l		95
68) m/p-Xylenes	11.83	106	191830	43.097 ug/l		100
69) o-Xylene	12.16	106	87107	20.874 ug/l		100
70) Styrene	12.18	104	153141	20.630 ug/l		99
71) Bromoform	12.35	173	25382	19.113 ug/l	#	99
73) Isopropylbenzene	12.46	105	255429	20.124 ug/l		99
74) N-amyl acetate	12.27	43	63238	19.368 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.71	83	44070	19.768 ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	29791m	17.761 ug/l		
77) Bromobenzene	12.74	156	58346	19.953 ug/l		98
78) n-propylbenzene	12.80	91	309576	20.734 ug/l		99
79) 2-Chlorotoluene	12.89	91	175209	20.413 ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	220150	20.501 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	13558	18.336 ug/l		96
82) 4-Chlorotoluene	12.99	91	187996	20.759 ug/l		98
83) tert-Butylbenzene	13.21	119	193022	20.096 ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	214240	20.190 ug/l		98
85) sec-Butylbenzene	13.38	105	269361	20.583 ug/l		99
86) p-Isopropyltoluene	13.50	119	250384	20.840 ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	118766	20.517 ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	114922	20.203 ug/l		99
89) n-Butylbenzene	13.82	91	225266	19.881 ug/l		98
90) Hexachloroethane	14.09	117	39948	18.554 ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	102160	20.069 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7081	17.352 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	66741	18.384 ug/l	98
94) Hexachlorobutadiene	15.24	225	49900	19.416 ug/l	97
95) Naphthalene	15.36	128	105543	17.399 ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58047	18.088 ug/l	98

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

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