Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021319\
Data File : VW008638.D
Acq On : 13 Feb 2019 14:19
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
2/14/2019 2:08:44 PM

Quant Time: Feb 14 03:56:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:43:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	444076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	673918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	594275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	314913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22450	4.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 9.72%			
35) Dibromofluoromethane	7.88	113	20978	5.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.02%			
50) Toluene-d8	10.32	98	80648	5.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.00%			
62) 4-Bromofluorobenzene	12.62	95	28360	4.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 9.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	13682	4.810	ug/l	89
3) Chloromethane	2.21	50	20153	4.915	ug/l	99
4) Vinyl Chloride	2.36	62	25209	4.681	ug/l	93
5) Bromomethane	2.78	94	20636	4.842	ug/l	100
6) Chloroethane	2.93	64	18255	4.555	ug/l	89
7) Trichlorofluoromethane	3.26	101	17343	4.134	ug/l	96
8) Diethyl Ether	3.67	74	12466	4.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21334	4.812	ug/l	98
10) Methyl Iodide	4.26	142	33511	4.843	ug/l	99
11) Tert butyl alcohol	5.18	59	9796m	27.030	ug/l	
12) 1,1-Dichloroethene	4.03	96	21569	4.975	ug/l	96
13) Acrolein	3.89	56	9605	25.238	ug/l	98
14) Allyl chloride	4.67	41	31897	4.428	ug/l	92
15) Acrylonitrile	5.37	53	24305	23.067	ug/l	95
16) Acetone	4.12	43	27387	26.159	ug/l	100
17) Carbon Disulfide	4.37	76	62584	4.784	ug/l	95
18) Methyl Acetate	4.67	43	12923	5.383	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	37145	4.881	ug/l	99
20) Methylene Chloride	4.91	84	51405	8.551	ug/l	86
21) trans-1,2-Dichloroethene	5.42	96	23577	4.966	ug/l	98
22) Diisopropyl ether	6.31	45	67632	4.665	ug/l	97
23) Vinyl Acetate	6.25	43	207469	22.050	ug/l	99
24) 1,1-Dichloroethane	6.21	63	40179	4.803	ug/l	96
25) 2-Butanone	7.18	43	34554	23.293	ug/l	97
26) 2,2-Dichloropropane	7.15	77	26230	5.019	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	25082	4.886	ug/l	96
28) Bromochloromethane	7.51	49	16908	4.788	ug/l	97
29) Tetrahydrofuran	7.53	42	23859	24.401	ug/l	98
30) Chloroform	7.67	83	39547	4.718	ug/l	99
31) Cyclohexane	7.95	56	47031	5.570	ug/l #	78
32) 1,1,1-Trichloroethane	7.87	97	34286	4.843	ug/l	97
36) 1,1-Dichloropropene	8.07	75	32644	4.821	ug/l	99
37) Ethyl Acetate	7.26	43	15224	4.661	ug/l #	94
38) Carbon Tetrachloride	8.07	117	30889	4.588	ug/l	97

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Quant Time: Feb 14 03:56:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:43:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.33	83	41131	4.803	ug/l		98
40) Benzene	8.32	78	91029	4.923	ug/l		97
41) Methacrylonitrile	7.48	41	6935	3.774	ug/l	#	67
42) 1,2-Dichloroethane	8.40	62	27438	4.784	ug/l		97
43) Isopropyl Acetate	8.42	43	29958	4.600	ug/l		93
44) Trichloroethene	9.09	130	25620	4.997	ug/l		94
45) 1,2-Dichloropropane	9.37	63	22682	4.956	ug/l		96
46) Dibromomethane	9.45	93	12370	4.907	ug/l		96
47) Bromodichloromethane	9.64	83	28013	4.624	ug/l	#	96
48) Methyl methacrylate	9.44	41	13705	4.541	ug/l		98
49) 1,4-Dioxane	9.45	88	3904	97.019	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.21	43	76333	22.817	ug/l		98
52) Toluene	10.38	92	56647	4.749	ug/l		97
53) t-1,3-Dichloropropene	10.60	75	27644	4.343	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	32644	4.524	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	16807	4.859	ug/l		94
56) Ethyl methacrylate	10.65	69	20062	4.368	ug/l		98
57) 1,3-Dichloropropane	10.93	76	29077	4.738	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	53318	24.199	ug/l		98
59) 2-Hexanone	10.97	43	52687	22.418	ug/l		99
60) Dibromochloromethane	11.12	129	17829	4.308	ug/l		99
61) 1,2-Dibromoethane	11.24	107	15883	4.664	ug/l		100
64) Tetrachloroethene	10.86	164	22110	5.003	ug/l		94
65) Chlorobenzene	11.66	112	63576	4.963	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.73	131	21410	4.718	ug/l		96
67) Ethyl Benzene	11.73	91	109910	4.817	ug/l		98
68) m/p-Xylenes	11.84	106	84780	9.550	ug/l		100
69) o-Xylene	12.16	106	38915	4.637	ug/l		95
70) Styrene	12.18	104	63528	4.635	ug/l		98
71) Bromoform	12.35	173	10558	4.318	ug/l	#	99
73) Isopropylbenzene	12.46	105	109958	4.688	ug/l		99
74) N-amyl acetate	12.27	43	25965	4.093	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.71	83	19335	4.738	ug/l		97
76) 1,2,3-Trichloropropane	12.77	75	16720m	4.449	ug/l		
77) Bromobenzene	12.74	156	26272	4.872	ug/l		95
78) n-propylbenzene	12.80	91	129582	4.649	ug/l		100
79) 2-Chlorotoluene	12.90	91	74432	4.725	ug/l		98
80) 1,3,5-Trimethylbenzene	12.94	105	90104	4.625	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.51	75	5128	4.031	ug/l		90
82) 4-Chlorotoluene	12.99	91	79722	4.776	ug/l		99
83) tert-Butylbenzene	13.21	119	78995	4.669	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	94667	4.727	ug/l		100
85) sec-Butylbenzene	13.38	105	115402	4.685	ug/l		99
86) p-Isopropyltoluene	13.50	119	102062	4.631	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	53028	4.851	ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	53456	4.962	ug/l		93
89) n-Butylbenzene	13.83	91	97544	4.658	ug/l		100
90) Hexachloroethane	14.10	117	16750	4.350	ug/l		91
91) 1,2-Dichlorobenzene	13.87	146	47947	4.951	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3449	4.863	ug/l		95

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:43:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33490	4.858	ug/l	97
94) Hexachlorobutadiene	15.24	225	20516	5.113	ug/l	99
95) Naphthalene	15.37	128	54763	4.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28903	4.886	ug/l	99

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

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