Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082018\
Data File : VD059826.D
Acq On : 20 Aug 2018 12:30
Operator : JC/SY
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
8/21/2018 10:23:24 AM

Quant Time: Aug 21 04:27:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 02:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.60	168	966004	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.64	114	1395101	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.65	117	1113244	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	529193	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.98	65	79810	10.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.48%				
35) Dibromofluoromethane	5.50	113	106912	10.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.56%				
50) Toluene-d8	8.66	98	286766	10.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.36%				
62) 4-Bromofluorobenzene	11.90	95	116790	10.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.32	85	76935	9.27	ug/l		100
3) Chloromethane	1.46	50	64152	9.32	ug/l		99
4) Vinyl Chloride	1.54	62	51747	9.28	ug/l		100
5) Bromomethane	1.77	94	8563	11.39	ug/l		99
6) Chloroethane	1.86	64	15265	10.94	ug/l		92
7) Trichlorofluoromethane	2.06	101	57475	9.87	ug/l		96
8) Diethyl Ether	2.31	74	13010	10.15	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	2.52	101	36172	9.92	ug/l		94
10) Methyl Iodide	2.66	142	29586	7.85	ug/l	#	97
11) Tert butyl alcohol	3.21	59	14887	51.19	ug/l	#	86
12) 1,1-Dichloroethene	2.51	96	28724	10.07	ug/l		96
13) Acrolein	2.43	56	12709	46.38	ug/l		95
14) Allyl chloride	2.89	41	72799	9.63	ug/l		97
15) Acrylonitrile	3.33	53	71686	54.59	ug/l		97
16) Acetone	2.58	43	58990	44.95	ug/l		99
17) Carbon Disulfide	2.73	76	78713	8.24	ug/l		99
18) Methyl Acetate	2.90	43	25231	8.81	ug/l		93
19) Methyl tert-butyl Ether	3.36	73	172400	10.31	ug/l		100
20) Methylene Chloride	3.03	84	45916	10.32	ug/l		96
21) trans-1,2-Dichloroethene	3.35	96	82541	10.35	ug/l		99
22) Diisopropyl ether	4.02	45	396425	10.18	ug/l		99
23) Vinyl Acetate	3.97	43	1126574	53.59	ug/l		100
24) 1,1-Dichloroethane	3.93	63	169012	9.93	ug/l		98
25) 2-Butanone	4.78	43	182601	46.33	ug/l		97
26) 2,2-Dichloropropane	4.76	77	143688	10.64	ug/l		96
27) cis-1,2-Dichloroethene	4.76	96	102216	9.96	ug/l		95
28) Bromochloromethane	5.10	49	92658	10.62	ug/l		98
29) Tetrahydrofuran	5.14	42	101896	51.55	ug/l		98
30) Chloroform	5.28	83	170615	10.18	ug/l		99
31) Cyclohexane	5.54	56	154767	9.95	ug/l		98
32) 1,1,1-Trichloroethane	5.46	97	141738	10.02	ug/l		99
36) 1,1-Dichloropropene	5.70	75	122154	10.18	ug/l		98
37) Ethyl Acetate	4.87	43	89516	10.25	ug/l		99
38) Carbon Tetrachloride	5.68	117	124029	10.39	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.24	83	117985	9.25	ug/l		94
40) Benzene	5.97	78	307319	9.92	ug/l		100
41) Methacrylonitrile	5.07	41	43066	9.58	ug/l		97
42) 1,2-Dichloroethane	6.08	62	100103	10.06	ug/l		98
43) Isopropyl Acetate	7.57	43	118934	9.93	ug/l	#	97
44) Trichloroethene	6.93	130	91029	9.97	ug/l		99
45) 1,2-Dichloropropane	7.30	63	88660	9.87	ug/l		98
46) Dibromomethane	7.41	93	55783	10.00	ug/l		97
47) Bromodichloromethane	7.70	83	123486	9.97	ug/l		100
48) Methyl methacrylate	7.46	41	65610	9.79	ug/l		98
49) 1,4-Dioxane	7.45	88	11172	200.13	ug/l	#	75
51) 4-Methyl-2-Pentanone	8.55	43	393110	47.70	ug/l		98
52) Toluene	8.76	92	198366	10.09	ug/l		98
53) t-1,3-Dichloropropene	9.14	75	110573	9.80	ug/l		96
54) cis-1,3-Dichloropropene	8.32	75	133597	9.87	ug/l		96
55) 1,1,2-Trichloroethane	9.41	97	70077	10.02	ug/l		94
56) Ethyl methacrylate	9.27	69	81767	10.17	ug/l		97
57) 1,3-Dichloropropane	9.63	76	103897	10.18	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.14	63	224085	54.26	ug/l		100
59) 2-Hexanone	9.74	43	290658	47.89	ug/l		98
60) Dibromochloromethane	9.92	129	89236	9.92	ug/l		97
61) 1,2-Dibromoethane	10.05	107	72642	9.76	ug/l		99
64) Tetrachloroethene	9.47	164	79743	9.75	ug/l		99
65) Chlorobenzene	10.69	112	226528	10.46	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.82	131	80791	10.80	ug/l		97
67) Ethyl Benzene	10.83	91	392303	11.04	ug/l		96
68) m/p-Xylenes	10.98	106	283101	21.76	ug/l		96
69) o-Xylene	11.38	106	131506	10.34	ug/l		96
70) Styrene	11.40	104	233248	10.59	ug/l		98
71) Bromoform	11.58	173	64686	9.89	ug/l		99
73) Isopropylbenzene	11.74	105	365651	10.13	ug/l		98
74) N-amyl acetate	11.61	43	155721	9.76	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.05	83	83211	10.03	ug/l		98
76) 1,2,3-Trichloropropane	12.09	75	83653	9.67	ug/l		97
77) Bromobenzene	12.01	156	97087	9.69	ug/l		89
78) n-propylbenzene	12.13	91	475788	10.49	ug/l		97
79) 2-Chlorotoluene	12.19	91	260808	10.07	ug/l		94
80) 1,3,5-Trimethylbenzene	12.29	105	299550	11.06	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.81	75	26066	9.74	ug/l		98
82) 4-Chlorotoluene	12.30	91	297458	11.05	ug/l		95
83) tert-Butylbenzene	12.55	119	303032m	9.52	ug/l		
84) 1,2,4-Trimethylbenzene	12.60	105	311866	10.41	ug/l		98
85) sec-Butylbenzene	12.74	105	402566	10.55	ug/l		96
86) p-Isopropyltoluene	12.86	119	317298	10.59	ug/l		95
87) 1,3-Dichlorobenzene	12.81	146	176962	10.47	ug/l		98
88) 1,4-Dichlorobenzene	12.90	146	178411	10.49	ug/l		99
89) n-Butylbenzene	13.17	91	349096	11.61	ug/l		98
90) Hexachloroethane	13.38	117	83218	9.83	ug/l		86
91) 1,2-Dichlorobenzene	13.17	146	156775	11.40	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.75	75	11756	9.56	ug/l		81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.31	180	127271	10.37	ug/l	100
94) Hexachlorobutadiene	14.41	225	80050	9.81	ug/l	100
95) Naphthalene	14.49	128	192847	9.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	109063	10.23	ug/l	98

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

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