Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059229.D
Acq On : 20 Jun 2018 15:39
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
6/21/2018 9:45:42 AM

Quant Time: Jun 21 07:10:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.03	168	251029	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.76	114	388085	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.91	117	399380	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	236627	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.02	65	177422	58.28	ug/l		0.00
Spiked Amount 50.000			Recovery =	116.56%			
35) Dibromofluoromethane	4.29	113	152003	55.82	ug/l		0.00
Spiked Amount 50.000			Recovery =	111.64%			
50) Toluene-d8	7.71	98	383521	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery =	95.88%			
62) 4-Bromofluorobenzene	11.51	95	218102	53.15	ug/l		0.00
Spiked Amount 50.000			Recovery =	106.30%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.98	85	139204	48.99	ug/l		98
3) Chloromethane	1.08	50	90856	41.28	ug/l		95
4) Vinyl Chloride	1.15	62	88638	44.64	ug/l		99
5) Bromomethane	1.34	94	56569	48.90	ug/l		95
6) Chloroethane	1.43	64	42930	52.11	ug/l		99
7) Trichlorofluoromethane	1.49	101	181901m	58.94	ug/l		
8) Diethyl Ether	1.70	74	45609	58.74	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	1.89	101	91966	46.75	ug/l		92
10) Methyl Iodide	1.96	142	180004	52.30	ug/l		97
11) Tert butyl alcohol	2.68	59	58759	301.22	ug/l		98
12) 1,1-Dichloroethene	1.85	96	86631	52.37	ug/l		95
13) Acrolein	2.09	56	41250	244.31	ug/l		100
14) Allyl chloride	2.19	41	165690	51.04	ug/l		92
15) Acrylonitrile	3.07	53	100376	259.09	ug/l	#	91
16) Acetone	2.33	43	255005m	350.81	ug/l		
17) Carbon Disulfide	1.86	76	209107m	45.03	ug/l		
18) Methyl Acetate	2.44	43	69853m	55.90	ug/l		
19) Methyl tert-butyl Ether	2.53	73	314610m	61.27	ug/l		
20) Methylene Chloride	2.27	84	91809m	52.75	ug/l		
21) trans-1,2-Dichloroethene	2.41	96	91452	50.41	ug/l		90
22) Diisopropyl ether	2.93	45	350968	55.00	ug/l		99
23) Vinyl Acetate	3.34	43	1291325	306.89	ug/l		98
24) 1,1-Dichloroethane	2.99	63	215159	55.61	ug/l		100
25) 2-Butanone	4.50	43	320226	284.16	ug/l		99
26) 2,2-Dichloropropane	3.75	77	148166	52.79	ug/l		95
27) cis-1,2-Dichloroethene	3.63	96	139629	50.01	ug/l		89
28) Bromochloromethane	3.88	49	89813	51.57	ug/l	#	93
29) Tetrahydrofuran	4.25	42	133891	269.64	ug/l		98
30) Chloroform	4.03	83	304417	55.00	ug/l		94
31) Cyclohexane	3.86	56	146955	43.48	ug/l		95
32) 1,1,1-Trichloroethane	4.27	97	215687	52.20	ug/l		98
36) 1,1-Dichloropropene	4.45	75	198112	52.67	ug/l		95
37) Ethyl Acetate	4.29	43	137620	59.21	ug/l	#	83
38) Carbon Tetrachloride	4.16	117	237814m	58.33	ug/l		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.62	83	185151	48.29	ug/l		97
40) Benzene	4.80	78	427328	48.94	ug/l		98
41) Methacrylonitrile	4.92	41	66378	58.13	ug/l	#	88
42) 1,2-Dichloroethane	5.11	62	245143m	62.60	ug/l		
43) Isopropyl Acetate	7.10	43	169805	54.55	ug/l	#	95
44) Trichloroethene	5.67	130	146128	53.56	ug/l		96
45) 1,2-Dichloropropane	6.40	63	121379	48.21	ug/l		98
46) Dibromomethane	6.25	93	109908	58.02	ug/l		91
47) Bromodichloromethane	6.54	83	252980	58.71	ug/l		97
48) Methyl methacrylate	6.87	41	114245	59.54	ug/l		94
49) 1,4-Dioxane	6.86	88	12078	857.36	ug/l		86
51) 4-Methyl-2-Pentanone	8.40	43	637066m	298.60	ug/l		
52) Toluene	7.78	92	308823	49.11	ug/l		97
53) t-1,3-Dichloropropene	8.43	75	241698	57.92	ug/l		99
54) cis-1,3-Dichloropropene	7.45	75	262045	54.66	ug/l		94
55) 1,1,2-Trichloroethane	8.63	97	130653	57.33	ug/l		95
56) Ethyl methacrylate	8.75	69	163253	56.83	ug/l		93
57) 1,3-Dichloropropane	9.00	76	226929	58.21	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.78	63	52968	257.88	ug/l		100
59) 2-Hexanone	9.63	43	522085m	309.37	ug/l		
60) Dibromochloromethane	8.86	129	194080	59.26	ug/l		98
61) 1,2-Dibromoethane	9.14	107	157540	59.49	ug/l		99
64) Tetrachloroethene	8.30	164	149426	51.01	ug/l		95
65) Chlorobenzene	9.93	112	417717	52.82	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.06	131	169023	53.73	ug/l		99
67) Ethyl Benzene	10.03	91	673202	48.99	ug/l		99
68) m/p-Xylenes	10.27	106	491010	95.44	ug/l		96
69) o-Xylene	10.82	106	277600	49.92	ug/l		97
70) Styrene	10.90	104	419258	49.83	ug/l		99
71) Bromoform	10.89	173	127961	59.89	ug/l	#	95
73) Isopropylbenzene	11.23	105	802137	48.96	ug/l		99
74) N-amyl acetate	11.46	43	296701	50.70	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.79	83	201481	51.87	ug/l		99
76) 1,2,3-Trichloropropane	11.89	75	151205	52.71	ug/l		98
77) Bromobenzene	11.59	156	213944	51.89	ug/l		92
78) n-propylbenzene	11.69	91	931029	48.01	ug/l		100
79) 2-Chlorotoluene	11.81	91	569536	49.72	ug/l		94
80) 1,3,5-Trimethylbenzene	11.91	105	656825	48.44	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.95	75	95089	51.13	ug/l		96
82) 4-Chlorotoluene	11.98	91	609651	49.99	ug/l		95
83) tert-Butylbenzene	12.21	119	694598	51.59	ug/l		99
84) 1,2,4-Trimethylbenzene	12.29	105	692351	49.28	ug/l		96
85) sec-Butylbenzene	12.39	105	921601	50.38	ug/l		98
86) p-Isopropyltoluene	12.54	119	761900	50.71	ug/l		99
87) 1,3-Dichlorobenzene	12.56	146	368860	48.46	ug/l		99
88) 1,4-Dichlorobenzene	12.64	146	385684	52.58	ug/l		99
89) n-Butylbenzene	12.92	91	779677	50.08	ug/l		97
90) Hexachloroethane	12.99	117	192739	52.09	ug/l		99
91) 1,2-Dichlorobenzene	13.02	146	387394	52.83	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	46122	60.54	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	255968	49.90	ug/l	98
94) Hexachlorobutadiene	14.25	225	163713	55.16	ug/l	98
95) Naphthalene	14.53	128	658145m	60.07	ug/l	
96) 1,2,3-Trichlorobenzene	14.67	180	280304m	59.14	ug/l	

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

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