Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001710.D
Acq On : 19 Feb 2020 19:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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2/20/2020 5:56:28 PM

Quant Time: Feb 20 06:42:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	365793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	332955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	118488	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.10%			
35) Dibromofluoromethane	7.74	113	106499	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
50) Toluene-d8	10.19	98	440208	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.26%			
62) 4-Bromofluorobenzene	12.49	95	159899	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	100653	51.605	ug/l	98
3) Chloromethane	2.12	50	134818	51.390	ug/l	100
4) Vinyl Chloride	2.26	62	137085	51.807	ug/l	97
5) Bromomethane	2.66	94	86726	52.442	ug/l	99
6) Chloroethane	2.80	64	85414	52.383	ug/l	97
7) Trichlorofluoromethane	3.14	101	172161	50.836	ug/l	100
8) Diethyl Ether	3.55	74	68784	51.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	106108	49.848	ug/l	98
10) Methyl Iodide	4.11	142	129996	49.900	ug/l	99
11) Tert butyl alcohol	4.98	59	66127	266.924	ug/l	99
12) 1,1-Dichloroethene	3.90	96	109619	50.491	ug/l	96
13) Acrolein	3.75	56	68594	315.562	ug/l	98
14) Allyl chloride	4.50	41	196525	50.863	ug/l	98
15) Acrylonitrile	5.20	53	178178	260.371	ug/l	100
16) Acetone	3.97	43	153537	206.168	ug/l	97
17) Carbon Disulfide	4.22	76	349458	48.213	ug/l	100
18) Methyl Acetate	4.50	43	82386	50.799	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	315540	52.202	ug/l	100
20) Methylene Chloride	4.75	84	124667	47.129	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	120461	48.632	ug/l	95
22) Diisopropyl ether	6.15	45	410558	51.741	ug/l	96
23) Vinyl Acetate	6.09	43	1341931	259.268	ug/l	98
24) 1,1-Dichloroethane	6.05	63	218800	51.592	ug/l	99
25) 2-Butanone	7.02	43	239634	236.870	ug/l	100
26) 2,2-Dichloropropane	7.01	77	178972	48.505	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	135755	49.651	ug/l	97
28) Bromochloromethane	7.36	49	100881	57.103	ug/l	99
29) Tetrahydrofuran	7.38	42	158605	259.382	ug/l	99
30) Chloroform	7.53	83	207687	50.119	ug/l	96
31) Cyclohexane	7.81	56	216605	47.903	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	177649	51.007	ug/l	100
36) 1,1-Dichloropropene	7.94	75	168902	48.340	ug/l	100
37) Ethyl Acetate	7.10	43	102915	49.350	ug/l	99
38) Carbon Tetrachloride	7.92	117	150003	48.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.20	83	222253	47.947	ug/l		99
40) Benzene	8.19	78	505839	49.225	ug/l		99
41) Methacrylonitrile	7.35	41	60613m	57.886	ug/l		
42) 1,2-Dichloroethane	8.26	62	141119	50.408	ug/l		100
43) Isopropyl Acetate	8.30	43	200905	50.775	ug/l		99
44) Trichloroethene	8.96	130	123527	48.154	ug/l		99
45) 1,2-Dichloropropane	9.24	63	129747	50.416	ug/l		98
46) Dibromomethane	9.33	93	66294	49.250	ug/l		97
47) Bromodichloromethane	9.52	83	161974	49.858	ug/l		100
48) Methyl methacrylate	9.31	41	89766	50.163	ug/l		98
49) 1,4-Dioxane	9.31	88	18370	966.242	ug/l		98
51) 4-Methyl-2-Pentanone	10.09	43	510723	251.221	ug/l		100
52) Toluene	10.26	92	317443	49.523	ug/l		100
53) t-1,3-Dichloropropene	10.48	75	181712	50.596	ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	205603	49.740	ug/l		99
55) 1,1,2-Trichloroethane	10.66	97	100043	50.404	ug/l		98
56) Ethyl methacrylate	10.52	69	153854	51.671	ug/l		100
57) 1,3-Dichloropropane	10.81	76	177768	50.407	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.80	63	266132	236.637	ug/l		99
59) 2-Hexanone	10.85	43	361992	237.315	ug/l		98
60) Dibromochloromethane	11.00	129	109812	50.182	ug/l		99
61) 1,2-Dibromoethane	11.10	107	96703	51.528	ug/l		99
64) Tetrachloroethene	10.74	164	98907	47.321	ug/l		99
65) Chlorobenzene	11.53	112	319817	48.112	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.60	131	110778	49.402	ug/l		99
67) Ethyl Benzene	11.61	91	601362	48.748	ug/l		98
68) m/p-Xylenes	11.72	106	449773	97.606	ug/l		100
69) o-Xylene	12.04	106	212015	48.396	ug/l		99
70) Styrene	12.06	104	371481	48.792	ug/l		100
71) Bromoform	12.22	173	61793	48.220	ug/l	#	99
73) Isopropylbenzene	12.34	105	572654	49.739	ug/l		99
74) N-amyl acetate	12.16	43	182623	49.702	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.59	83	125553	51.073	ug/l		99
76) 1,2,3-Trichloropropane	12.64	75	88717m	51.174	ug/l		
77) Bromobenzene	12.62	156	122006	48.884	ug/l		99
78) n-propylbenzene	12.68	91	701932	50.059	ug/l		99
79) 2-Chlorotoluene	12.77	91	392767	49.942	ug/l		100
80) 1,3,5-Trimethylbenzene	12.83	105	471893	49.514	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.39	75	45331	49.607	ug/l		96
82) 4-Chlorotoluene	12.87	91	408917	49.299	ug/l		100
83) tert-Butylbenzene	13.09	119	400190	50.206	ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	472611	49.741	ug/l		100
85) sec-Butylbenzene	13.27	105	578662	49.361	ug/l		100
86) p-Isopropyltoluene	13.38	119	499073	49.004	ug/l		99
87) 1,3-Dichlorobenzene	13.38	146	231945	47.918	ug/l		100
88) 1,4-Dichlorobenzene	13.45	146	231900	47.395	ug/l		98
89) n-Butylbenzene	13.71	91	499881	48.036	ug/l		99
90) Hexachloroethane	13.97	117	93606	48.783	ug/l		99
91) 1,2-Dichlorobenzene	13.75	146	213885	47.881	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20429	50.354	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132976	44.921	ug/l	100
94) Hexachlorobutadiene	15.12	225	64537	43.838	ug/l	100
95) Naphthalene	15.25	128	324528	47.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117429	45.090	ug/l	100

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

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