Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024386.D
Acq On : 30 Dec 2019 22:57
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02007

Manual Integrations APPROVED
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12/31/2019 12:12:09 PM

Quant Time: Dec 31 04:30:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	246577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1006586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	586525	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1194723	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1209584	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1422094	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	51719	9.27	ng/uL	0.00
5) Phenol-d5	6.61	99	404407	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	270355	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	313290	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	312195	16.36	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	142392	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	155884	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	292590	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	364119	19.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	802890	18.51	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1025043	19.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	117278	15.06	ng/ul	0.00
58) Fluorene-d10	15.07	176	704079	18.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	118280	16.23	ng/ul	0.00
71) Anthracene-d10	16.93	188	1054940	19.41	ng/ul	0.00
79) Pyrene-d10	19.24	212	1133653	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1397003	19.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	53405	8.638	ng/uL	90
4) Benzaldehyde	6.57	77	309176	20.484	ng/ul	98
6) Phenol	6.63	94	425512	17.650	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.85	93	340712	18.238	ng/ul	94
10) 2-Chlorophenol	6.98	128	323664	18.952	ng/ul	99
11) 2-Methylphenol	7.87	108	301010	16.793	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.94	45	415398	19.307	ng/ul	98
14) Acetophenone	8.23	105	485778	16.878	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.22	70	279971	17.608	ng/ul	96
16) 4-Methylphenol	8.20	108	329206	16.542	ng/ul	99
17) Hexachloroethane	8.46	117	142726	20.248	ng/ul	98
20) Nitrobenzene	8.60	77	421754	20.977	ng/ul	97
21) Isophorone	9.13	82	706572	18.802	ng/ul	99
23) 2-Nitrophenol	9.31	139	172821	19.739	ng/ul	91
24) 2,4-Dimethylphenol	9.38	107	365196	19.336	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	445418	19.079	ng/ul	98
27) 2,4-Dichlorophenol	9.84	162	285955	18.898	ng/ul	99
28) Naphthalene	10.22	128	1018605	19.311	ng/ul	99
30) 4-Chloroaniline	10.35	127	366962	19.362	ng/ul	99
31) Hexachlorobutadiene	10.50	225	186356	19.922	ng/ul	100
32) Caprolactam	11.15	113	85796m	15.005	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	318966	17.567	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	681697	18.081	ng/ul	99

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35) 1-Methylnaphthalene	12.07	142	689863	17.926	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	327629	20.664	ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	136060	19.045	ng/ul	94
39) 2,4,6-Trichlorophenol	12.49	196	207368	19.776	ng/ul	98
40) 2,4,5-Trichlorophenol	12.57	196	210726	18.642	ng/ul	97
41) 1,1'-Biphenyl	12.89	154	871045	19.896	ng/ul	99
42) 2-Chloronaphthalene	12.93	162	696321	20.243	ng/ul	98
43) 2-Nitroaniline	13.16	65	207483	20.573	ng/ul	94
45) Dimethylphthalate	13.55	163	831533	18.448	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	164089	18.480	ng/ul	89
48) Acenaphthylene	13.79	152	1087192	19.704	ng/ul	99
49) 3-Nitroaniline	14.00	138	155806	18.489	ng/ul	91
50) Acenaphthene	14.13	153	735710	19.393	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	87704	17.577	ng/ul	87
53) 4-Nitrophenol	14.34	109	99798	16.071	ng/ul	96
54) Dibenzofuran	14.47	168	1011706	19.183	ng/ul	96
55) 2,4-Dinitrotoluene	14.48	165	245445	18.304	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	14.72	232	181907	17.800	ng/ul#	94
57) Diethylphthalate	14.93	149	851903	18.589	ng/ul	99
59) Fluorene	15.13	166	837642	18.807	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	399172	18.431	ng/ul	94
61) 4-Nitroaniline	15.18	138	156129	16.779	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.25	198	125285	16.094	ng/ul	92
65) N-Nitrosodiphenylamine	15.35	169	688728	19.827	ng/ul	100
66) 4-Bromophenyl-phenylether	16.03	248	248232	19.547	ng/ul	96
67) Hexachlorobenzene	16.14	284	303226	19.501	ng/ul	98
68) Atrazine	16.32	200	235529	18.240	ng/ul	99
69) Pentachlorophenol	16.50	266	133386	16.370	ng/ul	98
70) Phenanthrene	16.87	178	1292423	19.323	ng/ul	99
72) Anthracene	16.96	178	1324493	19.697	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	330021	22.010	ng/uL	98
74) Pentachlorobenzene	14.40	250	337581	20.442	ng/uL	96
75) Carbazole	17.24	167	1120130	19.391	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1393034	20.108	ng/ul	99
77) Fluoranthene	18.90	202	1489385	20.430	ng/ul	99
80) Pyrene	19.27	202	1559856	19.753	ng/ul	99
81) Butylbenzylphthalate	20.20	149	631514	20.300	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.98	252	526669	19.614	ng/ul	99
83) Benzo(a)anthracene	21.03	228	1522146	19.751	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	978810	21.113	ng/ul	100
85) Chrysene	21.09	228	1483414	19.638	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1648309	21.452	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	1629186	19.147	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	1699380	20.355	ng/ul	99
91) Benzo(a)pyrene	23.08	252	1548535	20.117	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	2002661	21.667	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1678013	21.654	ng/ul	100
94) Benzo(g,h,i)perylene	25.90	276	1671530	22.149	ng/ul	99

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

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