Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011647.D
Acq On : 20 Sep 2017 21:00
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Manual Integrations APPROVED
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Quant Time: Sep 21 05:22:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 04:15:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	287039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1320331	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	804718	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1813652	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2029194	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1888142	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	50631	7.93	ng/uL	0.00
5) Phenol-d5	7.11	99	527577	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	387216	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	412585	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	423449	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	200540	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	210480	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	423064	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	555726	24.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1319836	19.40	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1662421	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	227503	17.79	ng/ul	0.00
58) Fluorene-d10	15.58	176	1184942	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	195425	18.52	ng/ul	0.00
71) Anthracene-d10	17.43	188	1828547	20.47	ng/ul	0.00
79) Pyrene-d10	19.72	212	2036332	21.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1828500	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	55917	7.995	ng/uL#	55
4) Benzaldehyde	7.10	77	307070	19.497	ng/ul	98
6) Phenol	7.14	94	534323	19.530	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.38	93	420584	19.527	ng/ul#	81
10) 2-Chlorophenol	7.52	128	395767	19.531	ng/ul#	86
11) 2-Methylphenol	8.39	108	398137	19.193	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.49	45	831549	23.819	ng/ul#	89
14) Acetophenone	8.79	105	655084	19.918	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.77	70	372483	21.105	ng/ul#	69
16) 4-Methylphenol	8.72	108	441439	19.449	ng/ul	93
17) Hexachloroethane	9.05	117	159266	20.560	ng/ul	86
20) Nitrobenzene	9.17	77	512949	21.765	ng/ul	97
21) Isophorone	9.69	82	965288	20.342	ng/ul	97
23) 2-Nitrophenol	9.88	139	222450	20.319	ng/ul	89
24) 2,4-Dimethylphenol	9.93	107	480444	20.510	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.17	93	600890	19.421	ng/ul	100
27) 2,4-Dichlorophenol	10.41	162	412110	20.379	ng/ul	98
28) Naphthalene	10.82	128	1377861	20.125	ng/ul	98
30) 4-Chloroaniline	10.93	127	524527	23.850	ng/ul	98
31) Hexachlorobutadiene	11.10	225	255053	22.222	ng/ul	99
32) Caprolactam	11.70	113	114917m	18.052	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	433745	20.231	ng/ul	94
34) 2-Methylnaphthalene	12.42	142	1019840	20.058	ng/ul	100

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35) 1-Methylnaphthalene	12.64	142	972669	20.086	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	498920	20.901	ng/ul#	96
38) Hexachlorocyclopentadiene	12.77	237	254869	19.049	ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	329471	20.272	ng/ul	98
40) 2,4,5-Trichlorophenol	13.10	196	343003	20.814	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	1325208	19.790	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	1016703	20.178	ng/ul	100
43) 2-Nitroaniline	13.67	65	343906	21.976	ng/ul#	78
45) Dimethylphthalate	14.04	163	1271219	19.517	ng/ul#	99
46) 2,6-Dinitrotoluene	14.17	165	232052	20.172	ng/ul#	88
48) Acenaphthylene	14.32	152	1681939	20.310	ng/ul	100
49) 3-Nitroaniline	14.50	138	256336	18.072	ng/ul	96
50) Acenaphthene	14.66	153	1130966	20.213	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	119431	16.804	ng/ul#	61
53) 4-Nitrophenol	14.79	109	174277	21.209	ng/ul#	68
54) Dibenzofuran	14.99	168	1580399	20.192	ng/ul	99
55) 2,4-Dinitrotoluene	14.95	165	338915	20.042	ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	15.21	232	309942	20.637	ng/ul#	76
57) Diethylphthalate	15.40	149	1328568	19.600	ng/ul	95
59) Fluorene	15.64	166	1340603	20.438	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	636238	20.701	ng/ul	92
61) 4-Nitroaniline	15.66	138	268706	17.685	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.71	198	202453	18.722	ng/ul#	90
65) N-Nitrosodiphenylamine	15.84	169	1084763	19.636	ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	372672	20.118	ng/ul	94
67) Hexachlorobenzene	16.64	284	419209	20.558	ng/ul#	88
68) Atrazine	16.79	200	370166	19.339	ng/ul	99
69) Pentachlorophenol	16.98	266	244011	18.637	ng/ul	99
70) Phenanthrene	17.37	178	2036679	20.147	ng/ul	99
72) Anthracene	17.47	178	2137064	20.602	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	502755	20.803	ng/uL	99
74) Pentachlorobenzene	14.91	250	507845	20.719	ng/uL	99
75) Carbazole	17.73	167	1841844	20.812	ng/ul	98
76) Di-n-butylphthalate	18.29	149	2327567	20.024	ng/ul	99
77) Fluoranthene	19.38	202	2389021	22.976	ng/ul#	89
80) Pyrene	19.74	202	2575097	21.751	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1064107	19.544	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.42	252	744476	20.202	ng/ul#	96
83) Benzo(a)anthracene	21.49	228	2439294	21.832	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1628500	19.476	ng/ul#	95
85) Chrysene	21.54	228	2216431	21.882	ng/ul	100
87) Di-n-octyl phthalate	22.30	149	2837765	21.177	ng/ul	100
88) Benzo(b)fluoranthene	23.14	252	2368547	20.852	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2212813	20.284	ng/ul#	97
91) Benzo(a)pyrene	23.77	252	2163195	20.176	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.30	276	2211317	18.749	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.31	278	1877518	18.774	ng/ul#	94
94) Benzo(g,h,i)perylene	27.04	276	1744031	18.260	ng/ul#	91

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

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