Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102416\
Data File : BM007722.D
Acq On : 24 Oct 2016 18:15
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Oct 24 18:48:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	171348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	656008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	434395	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	879831	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1175250	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1204608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	30969	7.74	ng/uL	0.00
5) Phenol-d5	6.93	99	252838	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	157175	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	203497	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	198604	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	93524	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	98302	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	197343	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	237760	21.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	592185	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	711772	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	88460	18.91	ng/ul	0.00
57) Fluorene-d10	15.38	176	517275	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	94915	18.16	ng/ul	0.00
70) Anthracene-d10	17.23	188	808809	20.40	ng/ul	0.00
76) Pyrene-d10	19.53	212	941951	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1054230	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	34430	7.87	ng/uL	96
4) Benzaldehyde	6.90	77	186295	22.27	ng/ul	97
6) Phenol	6.95	94	262363	19.33	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	204152	19.52	ng/ul	97
10) 2-Chlorophenol	7.32	128	205956	19.79	ng/ul	98
11) 2-Methylphenol	8.19	108	188808	19.11	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	233313	20.12	ng/ul	98
14) Acetophenone	8.57	105	317206	19.55	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	162894	20.23	ng/ul	94
16) 4-Methylphenol	8.52	108	204262	19.19	ng/ul	99
17) Hexachloroethane	8.82	117	91954	20.00	ng/ul	95
20) Nitrobenzene	8.95	77	245601	20.23	ng/ul	98
21) Isophorone	9.47	82	423135	20.37	ng/ul	97
23) 2-Nitrophenol	9.66	139	105663	20.21	ng/ul	97
24) 2,4-Dimethylphenol	9.72	107	243644	20.42	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	259642	20.44	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	198343	20.47	ng/ul	97
28) Naphthalene	10.58	128	637395	19.97	ng/ul	99
30) 4-Chloroaniline	10.70	127	243953	21.41	ng/ul	97
31) Hexachlorobutadiene	10.86	225	158903	20.13	ng/ul	97
32) Caprolactam	11.49	113	51374	19.12	ng/ul	94
33) 4-Chloro-3-methylphenol	11.83	107	210244	20.69	ng/ul	94
34) 2-Methylnaphthalene	12.20	142	456889	20.13	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	275679	19.66	ng/ul	96
37) Hexachlorocyclopentadiene	12.54	237	146598	17.75	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	152868	19.60	ng/ul	100
39) 2,4,5-Trichlorophenol	12.89	196	165065	19.32	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	598922	19.55	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	463254	19.77	ng/ul	98
42) 2-Nitroaniline	13.47	65	129075	20.76	ng/ul	95
44) Dimethylphthalate	13.84	163	570404	19.86	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	108899	20.16	ng/ul	92
47) Acenaphthylene	14.10	152	725144	20.09	ng/ul	99
48) 3-Nitroaniline	14.30	138	106219	19.88	ng/ul	94
49) Acenaphthene	14.45	153	497156	19.96	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	56672	17.03	ng/ul#	84
52) 4-Nitrophenol	14.61	109	89519	19.30	ng/ul	92
53) Dibenzofuran	14.79	168	712977	19.93	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	163949	21.03	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	152065	19.96	ng/ul#	97
56) Diethylphthalate	15.21	149	582014	20.47	ng/ul	100
58) Fluorene	15.43	166	578567	20.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	307366	20.19	ng/ul	94
60) 4-Nitroaniline	15.47	138	103015	19.12	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.53	198	102037	18.89	ng/ul#	99
64) N-Nitrosodiphenylamine	15.64	169	497136	19.77	ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	196745	19.60	ng/ul	95
66) Hexachlorobenzene	16.44	284	218249	19.64	ng/ul	99
67) Atrazine	16.60	200	190315	19.64	ng/ul	98
68) Pentachlorophenol	16.79	266	111794	17.95	ng/ul	100
69) Phenanthrene	17.17	178	934750	19.99	ng/ul	100
71) Anthracene	17.26	178	953205	20.01	ng/ul	99
72) Carbazole	17.54	167	826095	20.04	ng/ul	99
73) Di-n-butylphthalate	18.10	149	946006	20.60	ng/ul	99
74) Fluoranthene	19.19	202	1118033	20.44	ng/ul	100
77) Pyrene	19.56	202	1188527	19.58	ng/ul	99
78) Butylbenzylphthalate	20.45	149	429081	19.86	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.24	252	422535	20.24	ng/ul	99
80) Benzo(a)anthracene	21.30	228	1269924	20.22	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	641496	20.17	ng/ul	99
82) Chrysene	21.35	228	1220813	20.23	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1145751	18.76	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1366186	19.85	ng/ul	100
86) Benzo(k)fluoranthene	22.94	252	1280208	20.21	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1300067	20.05	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	1581465	20.36	ng/ul	98
90) Dibenzo(a,h)anthracene	25.84	278	1329520	20.29	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1313340	20.14	ng/ul	97

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

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