Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
Data File : BM007526.D
Acq On : 23 Sep 2016 16:37
Operator : UM/SJ
Sample : SSTD08047
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08047

Quant Time: Sep 23 17:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 23 16:29:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	142614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	670660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	524105	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1191435	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1685666	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1812782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	88936	31.88	ng/uL	0.00
5) Phenol-d5	6.96	99	1042053	77.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	532982	75.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	785323	78.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	877400	74.68	ng/ul	0.01
19) Nitrobenzene-d5	8.95	128	404105	82.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	480688	83.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	925657	80.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	975103	68.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	3028130	66.97	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	3547192	67.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	571263	66.93	ng/ul	0.01
57) Fluorene-d10	15.42	176	2582399	66.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	627083	83.70	ng/ul	0.01
70) Anthracene-d10	17.26	188	4295498	77.18	ng/ul	0.00
76) Pyrene-d10	19.56	212	5322675	75.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	6467613	77.46	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	91114	29.28	ng/uL	93
4) Benzaldehyde	6.93	77	672303	87.60	ng/ul	98
6) Phenol	6.99	94	1051255	75.23	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	731403	75.14	ng/ul	98
10) 2-Chlorophenol	7.35	128	781549	76.66	ng/ul	98
11) 2-Methylphenol	8.23	108	817610	74.86	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	778767	71.09	ng/ul	96
14) Acetophenone	8.61	105	1292659	71.74	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	674028	70.38	ng/ul	94
16) 4-Methylphenol	8.56	108	902598	73.66	ng/ul	98
17) Hexachloroethane	8.85	117	303664	76.58	ng/ul	99
20) Nitrobenzene	8.99	77	1004873	79.46	ng/ul	99
21) Isophorone	9.51	82	1941879	75.37	ng/ul	99
23) 2-Nitrophenol	9.69	139	485185	77.63	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	1078105	78.20	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	1064389	73.31	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	896834	78.88	ng/ul	98
28) Naphthalene	10.62	128	2561896	76.81	ng/ul	100
30) 4-Chloroaniline	10.73	127	986718	67.13	ng/ul	98
31) Hexachlorobutadiene	10.90	225	613838	79.90	ng/ul	98
32) Caprolactam	11.55	113	203534	44.44	ng/ul	94
33) 4-Chloro-3-methylphenol	11.87	107	1081147	76.82	ng/ul	94
34) 2-Methylnaphthalene	12.23	142	2004121	73.41	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	1235437	70.79	ng/ul	97
37) Hexachlorocyclopentadiene	12.58	237	724880	68.85	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	832238	67.42	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	908900	70.63	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	2747615	67.60	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	2143855	67.27	ng/ul	98
42) 2-Nitroaniline	13.50	65	734540	70.57	ng/ul	98
44) Dimethylphthalate	13.88	163	2907166	64.55	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	645012	70.06	ng/ul	92
47) Acenaphthylene	14.14	152	3468224	64.31	ng/ul	99
48) 3-Nitroaniline	14.34	138	622634	66.26	ng/ul	100
49) Acenaphthene	14.49	153	2345795	66.85	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	438256	70.21	ng/ul#	85
52) 4-Nitrophenol	14.66	109	593015	65.31	ng/ul	87
53) Dibenzofuran	14.82	168	3391956	64.59	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	955719	67.73	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	887913	67.26	ng/ul	98
56) Diethylphthalate	15.24	149	2990148	63.65	ng/ul	99
58) Fluorene	15.47	166	2766455	63.96	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	1453512	64.29	ng/ul	98
60) 4-Nitroaniline	15.51	138	662951	62.18	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	638094	79.80	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	2535763	76.23	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	1046264	77.77	ng/ul	98
66) Hexachlorobenzene	16.47	284	1169262	77.62	ng/ul	97
67) Atrazine	16.64	200	1085513	77.29	ng/ul	98
68) Pentachlorophenol	16.82	266	773357	79.55	ng/ul	99
69) Phenanthrene	17.21	178	4865457	76.07	ng/ul	99
71) Anthracene	17.30	178	4962154	75.15	ng/ul	98
72) Carbazole	17.57	167	4500475	78.43	ng/ul	98
73) Di-n-butylphthalate	18.13	149	5227766	72.39	ng/ul	99
74) Fluoranthene	19.22	202	6281028	78.25	ng/ul	98
77) Pyrene	19.59	202	6414594	70.93	ng/ul	98
78) Butylbenzylphthalate	20.48	149	2711886	72.07	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	2545035	76.05	ng/ul	99
80) Benzo(a)anthracene	21.33	228	7152010	71.97	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	3808998	69.79	ng/ul	100
82) Chrysene	21.39	228	6717890	74.64	ng/ul	97
84) Di-n-octyl phthalate	22.14	149	7046915	78.05	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	7874297	73.46	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	7617248	76.89	ng/ul	99
88) Benzo(a)pyrene	23.53	252	7632466	74.41	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	8866069	70.44	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	7290524	69.64	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	7444033	69.65	ng/ul	97

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

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