

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007029.D
 Acq On : 11 Aug 2016 19:34
 Operator : UM/SJ
 Sample : SSTD02048
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02048

Quant Time: Aug 12 01:30:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	210840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	840050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	518791	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1295170	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1759163	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1894063	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	39310	9.76	ng/uL	0.00
5) Phenol-d5	6.97	99	337761	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	198185	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	271822	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	273265	21.02	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	127491	21.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	134558	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	279225	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	348217	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	878878	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1072544	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	155300	16.82	ng/ul	0.00
57) Fluorene-d10	15.43	176	767243	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	135222	16.51	ng/ul	0.00
70) Anthracene-d10	17.29	188	1239111	20.03	ng/ul	0.00
76) Pyrene-d10	19.57	212	1500108	17.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1773069	19.37	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	39346	8.86	ng/ul 100
4) Benzaldehyde	6.96	77	222158	21.26	ng/ul 100
6) Phenol	7.00	94	357233	21.20	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.24	93	268993	22.30	ng/ul 100
10) 2-Chlorophenol	7.37	128	282864	22.31	ng/ul 100
11) 2-Methylphenol	8.25	108	264936	20.40	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	301323	12.74	ng/ul 100
14) Acetophenone	8.63	105	433136	19.26	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.62	70	225187	20.34	ng/ul 100
16) 4-Methylphenol	8.57	108	286814	20.23	ng/ul 100
17) Hexachloroethane	8.89	117	115979	18.27	ng/ul 100
20) Nitrobenzene	9.01	77	322650	18.28	ng/ul 100
21) Isophorone	9.53	82	602102	20.90	ng/ul 100
23) 2-Nitrophenol	9.72	139	150133	20.82	ng/ul 100
24) 2,4-Dimethylphenol	9.77	107	337611	19.35	ng/ul 100
25) Bis(2-Chloroethoxy)methane	10.02	93	360937	22.70	ng/ul 100
27) 2,4-Dichlorophenol	10.25	162	279453	20.98	ng/ul 100
28) Naphthalene	10.65	128	852199	20.39	ng/ul 100
30) 4-Chloroaniline	10.76	127	359698	23.40	ng/ul 100
31) Hexachlorobutadiene	10.93	225	206269	16.97	ng/ul 100
32) Caprolactam	11.50	113	91083	22.98	ng/ul 100
33) 4-Chloro-3-methylphenol	11.87	107	306015	20.31	ng/ul 100
34) 2-Methylnaphthalene	12.26	142	658482	19.73	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	384982	19.07	ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	241547	20.44	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	245296	19.76	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	258552	21.56	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	861934	20.27	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	673406	20.22	ng/ul	100
42) 2-Nitroaniline	13.52	65	194525	16.75	ng/ul	100
44) Dimethylphthalate	13.90	163	878179	20.63	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	171091	20.53	ng/ul	100
47) Acenaphthylene	14.16	152	1100779	20.64	ng/ul	100
48) 3-Nitroaniline	14.34	138	178133	24.19	ng/ul	100
49) Acenaphthene	14.51	153	707348	20.36	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	86762	17.18	ng/ul	100
52) 4-Nitrophenol	14.64	109	158224	13.36	ng/ul	100
53) Dibenzofuran	14.84	168	1045861	19.55	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	253703	19.43	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	246799	19.38	ng/ul	100
56) Diethylphthalate	15.27	149	904563	20.41	ng/ul	100
58) Fluorene	15.49	166	853866	19.15	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	449325	18.08	ng/ul	100
60) 4-Nitroaniline	15.50	138	203143	25.86	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.56	198	150976	17.67	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	764821	20.60	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	297915	19.04	ng/ul	100
66) Hexachlorobenzene	16.49	284	338506	19.88	ng/ul	100
67) Atrazine	16.65	200	308535	19.50	ng/ul	100
68) Pentachlorophenol	16.83	266	202020	20.69	ng/ul	100
69) Phenanthrene	17.23	178	1426221	20.02	ng/ul	100
71) Anthracene	17.32	178	1482567	20.20	ng/ul	100
72) Carbazole	17.59	167	1321650	20.68	ng/ul	100
73) Di-n-butylphthalate	18.16	149	1567265	22.35	ng/ul	100
74) Fluoranthene	19.24	202	1847326	20.16	ng/ul	100
77) Pyrene	19.60	202	1967373	17.60	ng/ul	100
78) Butylbenzylphthalate	20.51	149	776551	19.63	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.29	252	795976	23.78	ng/ul	100
80) Benzo(a)anthracene	21.35	228	2113661	19.82	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	1160099	21.01	ng/ul	100
82) Chrysene	21.40	228	1938319	20.54	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	2064861	17.78	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	2362696	19.75	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	2181097	19.03	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2222254	19.67	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.94	276	2729629	20.23	ng/ul	100
90) Dibenzo(a,h)anthracene	25.96	278	2296237	19.83	ng/ul	100
91) Benzo(g,h,i)perylene	26.64	276	2263445	20.67	ng/ul	100

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

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