

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052915\
 Data File : BM001448.D
 Acq On : 29 May 2015 15:46
 Operator : TP/IZ
 Sample : SSTD16056
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

Quant Time: May 29 16:36:26 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 15:53:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	109305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	460915	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	281556	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	640041	20.00	ng/ul	0.01
75) Chrysene-d12	21.04	240	768052	20.00	ng/ul	0.01
83) Perylene-d12	23.13	264	670853	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	148380	67.76	ng/uL	0.00
5) Phenol-d5	6.60	99	1496360	186.65	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.74	67	862002	172.51	ng/ul	0.01
9) 2-Chlorophenol-d4	6.93	132	1266193	191.83	ng/ul	0.01
13) 4-Methylphenol-d8	8.15	113	1231217	181.88	ng/ul	0.03
19) Nitrobenzene-d5	8.56	128	582627	194.13	ng/ul	0.02
22) 2-Nitrophenol-d4	9.27	143	693378	202.69	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	1302832	190.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.32	131	880339	113.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	3445667	174.52	ng/ul	0.02
46) Acenaphthylene-d8	13.76	160	4844751	180.20	ng/ul	0.01
51) 4-Nitrophenol-d4	14.34	143	771499	192.15	ng/ul	0.04
57) Fluorene-d10	15.08	176	3358756	170.52	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	776151	199.51	ng/ul	0.03
70) Anthracene-d10	16.93	188	5227943	177.19	ng/ul	0.01
76) Pyrene-d10	19.24	212	5765100	172.62	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.01	264	5074432	171.08	ng/ul	0.03

Target Compounds

						Ovalue
2) 1,4-Dioxane	2.85	88	158103	64.44	ng/uL	92
4) Benzaldehyde	6.53	77	256882	61.95	ng/ul	93
6) Phenol	6.63	94	1569576	185.00	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.83	93	1180451	175.67	ng/ul	99
10) 2-Chlorophenol	6.96	128	1302997	189.28	ng/ul	99
11) 2-Methylphenol	7.86	108	1212855	183.77	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.94	45	2100953	168.06	ng/ul	99
14) Acetophenone	8.22	105	1992655	180.19	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.24	70	1001784	188.57	ng/ul	97
16) 4-Methylphenol	8.21	108	1345963	186.21	ng/ul	99
17) Hexachloroethane	8.45	117	525186	180.18	ng/ul	99
20) Nitrobenzene	8.60	77	1468737	183.58	ng/ul	97
21) Isophorone	9.13	82	2651895	189.40	ng/ul	99
23) 2-Nitrophenol	9.30	139	748649	197.27	ng/ul	98
24) 2,4-Dimethylphenol	9.39	107	1474543	183.02	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.62	93	1580729	177.08	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	1268569	188.34	ng/ul	99
28) Naphthalene	10.22	128	4073985	171.89	ng/ul	98
30) 4-Chloroaniline	10.35	127	941123	118.09	ng/ul	98
31) Hexachlorobutadiene	10.51	225	750664	168.30	ng/ul	98
32) Caprolactam	11.15	113	229468	103.27	ng/ul	96
33) 4-Chloro-3-methylphenol	11.52	107	1366162	188.20	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	2988523	174.81	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.24	216	1477653	174.18	ng/ul	97
37) Hexachlorocyclopentadiene	12.21	237	922467	191.98	ng/ul	99
38) 2,4,6-Trichlorophenol	12.49	196	1010898	194.08	ng/ul	95
39) 2,4,5-Trichlorophenol	12.57	196	1092983	190.49	ng/ul	100
40) 1,1'-Biphenyl	12.90	154	3917287	173.67	ng/ul	98
41) 2-Chloronaphthalene	12.93	162	3059138	174.88	ng/ul	99
42) 2-Nitroaniline	13.16	65	999975	207.46	ng/ul	94
44) Dimethylphthalate	13.56	163	3835772	172.12	ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	860744	204.46	ng/ul	95
47) Acenaphthylene	13.80	152	5088291	178.03	ng/ul	100
48) 3-Nitroaniline	14.01	138	710985	159.42	ng/ul	96
49) Acenaphthene	14.14	153	3340271	173.80	ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	585904	219.20	ng/ul	97
52) 4-Nitrophenol	14.36	109	626733	181.39	ng/ul	95
53) Dibenzofuran	14.48	168	4738054	172.15	ng/ul	98
54) 2,4-Dinitrotoluene	14.47	165	1281730	198.83	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.72	232	964095	192.55	ng/ul	99
56) Diethylphthalate	14.93	149	4025943	173.54	ng/ul	99
58) Fluorene	15.14	166	4069756	174.91	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.13	204	1897181	167.21	ng/ul	96
60) 4-Nitroaniline	15.20	138	910811	189.56	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.25	198	828251	197.04	ng/ul	94
64) N-Nitrosodiphenylamine	15.36	169	3393159	182.28	ng/ul	99
65) 4-Bromophenyl-phenylether	16.03	248	1124864	178.20	ng/ul	98
66) Hexachlorobenzene	16.14	284	1228851	173.33	ng/ul	99
67) Atrazine	16.33	200	1117286	170.61	ng/ul	98
68) Pentachlorophenol	16.49	266	830983	203.17	ng/ul	95
69) Phenanthrene	16.87	178	6224937	174.67	ng/ul	99
71) Anthracene	16.97	178	6419652	174.57	ng/ul	98
72) Carbazole	17.24	167	5942001	175.21	ng/ul	99
73) Di-n-butylphthalate	17.81	149	7176791	181.64	ng/ul	97
74) Fluoranthene	18.90	202	7235269	168.89	ng/ul	96
77) Pyrene	19.27	202	7624739	166.07	ng/ul	96
78) Butylbenzylphthalate	20.19	149	3615423	199.69	ng/ul	98
79) 3,3'-Dichlorobenzidine	20.97	252	2352769	161.44	ng/ul	98
80) Benzo(a)anthracene	21.03	228	7256607	161.78	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.97	149	5240370	183.00	ng/ul	96
82) Chrysene	21.08	228	6718865	159.10	ng/ul	96
84) Di-n-octyl phthalate	21.81	149	8528062	170.97	ng/ul	100
85) Benzo(b)fluoranthene	22.53	252	7202043	175.35	ng/ul	99
86) Benzo(k)fluoranthene	22.57	252	6235677	158.52	ng/ul	98
88) Benzo(a)pyrene	23.06	252	6488872	168.41	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.22	276	6888134	169.84	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.23	278	5821879	170.93	ng/ul	98
91) Benzo(g,h,i)perylene	25.85	276	5709673	170.56	ng/ul	97

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

