

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
 Data File : BM001565.D
 Acq On : 05 Jun 2015 13:00
 Operator : TP/IZ
 Sample : SSTD08077
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08077

Manual Integrations
 APPROVED

apatel
 6/8/2015 2:49:38 PM

Quant Time: Jun 06 00:49:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 06 00:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	91981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	343553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	195478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	421822	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	496249	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	474875	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	57477	32.40	ng/uL	0.00
5) Phenol-d5	6.86	99	514974	89.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	287390	88.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	432676	91.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	417276	89.92	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	193706	93.99	ng/ul	0.01
22) 2-Nitrophenol-d4	9.57	143	228252	98.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	452887	92.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	450308	92.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1088943	88.96	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1489115	92.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	196752	91.15	ng/ul	0.01
57) Fluorene-d10	15.35	176	1020955	88.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	210663	100.17	ng/ul	0.00
70) Anthracene-d10	17.20	188	1522836	91.99	ng/ul	0.00
76) Pyrene-d10	19.50	212	1679360	90.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	1659760	92.97	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	61306	32.81	ng/uL	96
4) Benzaldehyde	6.84	77	315606	79.37	ng/ul	95
6) Phenol	6.89	94	536123	90.12	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	398509	88.90	ng/ul	99
10) 2-Chlorophenol	7.26	128	443061	90.60	ng/ul	99
11) 2-Methylphenol	8.14	108	401018	89.54	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	492866	87.71	ng/ul	99
14) Acetophenone	8.52	105	673587	89.06	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	341643	91.88	ng/ul	97
16) 4-Methylphenol	8.48	108	430090	90.21	ng/ul	98
17) Hexachloroethane	8.77	117	191752	91.92	ng/ul	97
20) Nitrobenzene	8.90	77	519600	91.35	ng/ul	95
21) Isophorone	9.43	82	871651	91.24	ng/ul	100
23) 2-Nitrophenol	9.61	139	240734	95.54	ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	520912	90.97	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.91	93	497014	88.76	ng/ul	100
27) 2,4-Dichlorophenol	10.14	162	436145	91.97	ng/ul	99
28) Naphthalene	10.54	128	1324762	89.18	ng/ul	99
30) 4-Chloroaniline	10.66	127	454346	92.77	ng/ul	97
31) Hexachlorobutadiene	10.82	225	358483	92.29	ng/ul	98
32) Caprolactam	11.45	113	114300m	89.81	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	440005	90.68	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	955979	88.61	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	587507	93.70	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	405752	97.89	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	357952	96.28	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	378015	93.07	ng/ul	98
40) 1,1'-Biphenyl	13.18	154	1247284	91.96	ng/ul	100
41) 2-Chloronaphthalene	13.22	162	971519	91.31	ng/ul	99
42) 2-Nitroaniline	13.43	65	287989	98.60	ng/ul	97
44) Dimethylphthalate	13.82	163	1182797	88.57	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	249760	96.93	ng/ul	98
47) Acenaphthylene	14.07	152	1503390	91.15	ng/ul	99
48) 3-Nitroaniline	14.27	138	208358	90.46	ng/ul	96
49) Acenaphthene	14.42	153	1000070	90.12	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	148749	102.66	ng/ul	97
52) 4-Nitrophenol	14.57	109	223780	91.41	ng/ul	98
53) Dibenzofuran	14.75	168	1403713	88.86	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	350188	93.70	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.97	232	333175	93.95	ng/ul	100
56) Diethylphthalate	15.19	149	1168257	88.43	ng/ul	99
58) Fluorene	15.40	166	1198151	90.25	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	661196	91.42	ng/ul	96
60) 4-Nitroaniline	15.44	138	228131	86.49	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	222876	100.24	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	988043	93.69	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	385982	93.80	ng/ul	97
66) Hexachlorobenzene	16.40	284	418827	92.70	ng/ul	98
67) Atrazine	16.57	200	400491	92.74	ng/ul	100
68) Pentachlorophenol	16.74	266	278406	94.90	ng/ul	97
69) Phenanthrene	17.14	178	1757524	91.47	ng/ul	99
71) Anthracene	17.23	178	1830396	92.01	ng/ul	99
72) Carbazole	17.50	167	1556995	89.94	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1855425	94.88	ng/ul	100
74) Fluoranthene	19.16	202	2082651	89.87	ng/ul#	97
77) Pyrene	19.53	202	2191078	89.94	ng/ul	99
78) Butylbenzylphthalate	20.43	149	822890	97.54	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.21	252	688894	90.33	ng/ul#	99
80) Benzo(a)anthracene	21.27	228	2229451	90.46	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	1248860	102.00	ng/ul	100
82) Chrysene	21.33	228	2075058	90.55	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	2032059	95.05	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	2216689	92.81	ng/ul	99
86) Benzo(k)fluoranthene	22.90	252	2129475	90.91	ng/ul	99
88) Benzo(a)pyrene	23.44	252	2124930	92.50	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.81	276	2476666	94.67	ng/ul	97
90) Dibenzo(a,h)anthracene	25.82	278	2109096	95.86	ng/ul	99
91) Benzo(g,h,i)perylene	26.50	276	2014931	93.39	ng/ul	98

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

