

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042815\
 Data File : BM001129.D
 Acq On : 28 Apr 2015 00:01
 Operator : TP/IZ
 Sample : SSTD08053
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08053

Manual Integrations
 APPROVED

apatel
 4/30/2015 10:42:56 AM

Quant Time: Apr 28 06:12:26 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 28 04:01:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	154931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	652755	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	378321	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	844394	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	996047	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	928365	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	104035	30.44	ng/uL	0.00
5) Phenol-d5	6.73	99	1035874	82.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	630498	81.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	818513	82.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	840509	84.00	ng/ul	0.01
19) Nitrobenzene-d5	8.70	128	381541	86.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	439428	89.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	822709	85.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	858455	81.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2183145	84.95	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	3061100	83.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	485897	94.33	ng/ul	0.01
57) Fluorene-d10	15.21	176	2089211	82.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	437171	89.65	ng/ul	0.00
70) Anthracene-d10	17.06	188	3242648	84.06	ng/ul	0.00
76) Pyrene-d10	19.36	212	3606521	78.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	3508954	83.46	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	112219	31.64	ng/uL 94
4) Benzaldehyde	6.68	77	462556	58.69	ng/ul 97
6) Phenol	6.75	94	1096118	82.14	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.97	93	834922	79.76	ng/ul 99
10) 2-Chlorophenol	7.10	128	857936	81.22	ng/ul 97
11) 2-Methylphenol	7.99	108	819863	81.58	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	1556295	83.69	ng/ul 99
14) Acetophenone	8.36	105	1337253	84.30	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.36	70	698034	88.66	ng/ul 98
16) 4-Methylphenol	8.33	108	900919	82.72	ng/ul 99
17) Hexachloroethane	8.60	117	347350	83.78	ng/ul 95
20) Nitrobenzene	8.74	77	1033396	88.83	ng/ul 97
21) Isophorone	9.26	82	1856753	90.72	ng/ul 100
23) 2-Nitrophenol	9.45	139	470175	86.50	ng/ul 97
24) 2,4-Dimethylphenol	9.52	107	990511	85.71	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.75	93	1121273	83.61	ng/ul 98
27) 2,4-Dichlorophenol	9.98	162	810923	84.44	ng/ul 99
28) Naphthalene	10.37	128	2745829	80.43	ng/ul 100
30) 4-Chloroaniline	10.49	127	888774	82.24	ng/ul 97
31) Hexachlorobutadiene	10.66	225	463600	80.09	ng/ul 96
32) Caprolactam	11.26	113	266613m	96.72	ng/ul
33) 4-Chloro-3-methylphenol	11.64	107	901581	90.29	ng/ul 100
34) 2-Methylnaphthalene	12.00	142	1938738	81.31	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	934700	79.33	ng/ul	99
37) Hexachlorocyclopentadiene	12.36	237	542955	81.70	ng/ul	94
38) 2,4,6-Trichlorophenol	12.63	196	614714	85.76	ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	674151	87.13	ng/ul	96
40) 1,1'-Biphenyl	13.03	154	2522575	79.21	ng/ul	100
41) 2-Chloronaphthalene	13.07	162	1934681	79.20	ng/ul	98
42) 2-Nitroaniline	13.29	65	688276	105.38	ng/ul	98
44) Dimethylphthalate	13.67	163	2426910	84.25	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	513353	96.17	ng/ul	98
47) Acenaphthylene	13.93	152	3250874	82.27	ng/ul	100
48) 3-Nitroaniline	14.13	138	488577	92.53	ng/ul	92
49) Acenaphthene	14.27	153	2135069	81.45	ng/ul	98
50) 2,4-Dinitrophenol	14.34	184	308193	98.23	ng/ul	94
52) 4-Nitrophenol	14.45	109	413441	102.92	ng/ul	99
53) Dibenzofuran	14.61	168	2943519	80.85	ng/ul	100
54) 2,4-Dinitrotoluene	14.59	165	764460	95.60	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.84	232	568529	89.73	ng/ul	95
56) Diethylphthalate	15.05	149	2534344	87.83	ng/ul	100
58) Fluorene	15.26	166	2581284	85.98	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	1185072	82.57	ng/ul	96
60) 4-Nitroaniline	15.30	138	594904m	92.43	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.36	198	471179	90.19	ng/ul#	97
64) N-Nitrosodiphenylamine	15.48	169	2093620	80.68	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	682249	82.79	ng/ul	93
66) Hexachlorobenzene	16.27	284	761223	81.93	ng/ul	99
67) Atrazine	16.44	200	737267	83.98	ng/ul	97
68) Pentachlorophenol	16.62	266	455278	88.47	ng/ul	94
69) Phenanthrene	17.00	178	3906814	81.76	ng/ul	100
71) Anthracene	17.09	178	4041268	83.02	ng/ul	99
72) Carbazole	17.37	167	3742495	85.67	ng/ul	98
73) Di-n-butylphthalate	17.94	149	4496444	93.07	ng/ul	99
74) Fluoranthene	19.03	202	4567914	88.17	ng/ul	97
77) Pyrene	19.39	202	4854109	77.38	ng/ul	97
78) Butylbenzylphthalate	20.30	149	2168083	92.95	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.09	252	1445358	88.99	ng/ul	99
80) Benzo(a)anthracene	21.14	228	4773479	81.75	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.09	149	3325738	94.45	ng/ul#	96
82) Chrysene	21.20	228	4445932	79.85	ng/ul	98
84) Di-n-octyl phthalate	21.94	149	5446849	86.66	ng/ul	100
85) Benzo(b)fluoranthene	22.68	252	4795923	83.12	ng/ul	99
86) Benzo(k)fluoranthene	22.72	252	4461093	82.47	ng/ul	99
88) Benzo(a)pyrene	23.23	252	4543496	83.97	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	5150665	86.82	ng/ul	96
90) Dibenzo(a,h)anthracene	25.50	278	4326757	86.52	ng/ul	99
91) Benzo(g,h,i)perylene	26.15	276	4213270	84.27	ng/ul	99

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

