

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
 Data File : BM006647.D
 Acq On : 26 Jul 2016 12:31
 Operator : UM/SJ
 Sample : SSTD01035
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01035

Quant Time: Jul 26 13:56:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 26 13:35:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	127657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	539048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	315309	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	730033	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	841872	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	885676	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	13315	4.39	ng/uL	0.00
5) Phenol-d5	6.80	99	109821	10.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	69629	10.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	86857	10.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	86651	10.42	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	42589	10.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	44506	9.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	81727	9.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	75975	8.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	250963	9.72	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	315147	9.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	40657	9.07	ng/ul	0.00
57) Fluorene-d10	15.26	176	221541	9.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	32745	7.75	ng/ul	0.00
70) Anthracene-d10	17.12	188	346306	10.04	ng/ul	0.00
76) Pyrene-d10	19.42	212	387833	10.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	405096	10.00	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	14048	4.32 ng/uL#	15
4) Benzaldehyde	6.76	77	72604	11.49 ng/ul	98
6) Phenol	6.83	94	121556	11.02 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.05	93	91062	11.20 ng/ul	96
10) 2-Chlorophenol	7.18	128	89745	10.31 ng/ul	99
11) 2-Methylphenol	8.06	108	88072	10.72 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	131510	9.95 ng/ul	97
14) Acetophenone	8.43	105	143582	10.97 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	74547	10.79 ng/ul	94
16) 4-Methylphenol	8.39	108	94197	10.61 ng/ul	98
17) Hexachloroethane	8.67	117	38081	10.28 ng/ul	95
20) Nitrobenzene	8.81	77	106161	9.76 ng/ul	98
21) Isophorone	9.33	82	199798	10.29 ng/ul	99
23) 2-Nitrophenol	9.52	139	48318	9.51 ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	105476	9.60 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	125989	10.84 ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	80848	9.19 ng/ul	98
28) Naphthalene	10.44	128	273279	9.99 ng/ul	99
30) 4-Chloroaniline	10.56	127	81262	8.56 ng/ul	96
31) Hexachlorobutadiene	10.72	225	51311	8.54 ng/ul	99
32) Caprolactam	11.32	113	28830	10.32 ng/ul	91
33) 4-Chloro-3-methylphenol	11.70	107	94259	9.57 ng/ul	99
34) 2-Methylnaphthalene	12.06	142	200598	9.73 ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.44	216	101647	9.19	ng/ul	96
37) Hexachlorocyclopentadiene	12.42	237	30364	5.21	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.69	196	65736	9.15	ng/ul	96
39) 2,4,5-Trichlorophenol	12.77	196	67824	9.17	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	257741	9.91	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	198409	9.75	ng/ul	99
42) 2-Nitroaniline	13.35	65	67671	9.73	ng/ul	89
44) Dimethylphthalate	13.73	163	251903	9.62	ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	50660	9.74	ng/ul	93
47) Acenaphthylene	13.99	152	332150	10.00	ng/ul	99
48) 3-Nitroaniline	14.19	138	46149	9.42	ng/ul	98
49) Acenaphthene	14.33	153	213694	10.00	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	16181	5.47	ng/ul	95
52) 4-Nitrophenol	14.52	109	36018	7.10	ng/ul	98
53) Dibenzofuran	14.67	168	306939	9.86	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	72628	9.34	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.91	232	57405	8.56	ng/ul	95
56) Diethylphthalate	15.10	149	268058	9.70	ng/ul	99
58) Fluorene	15.32	166	248734	9.99	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	120997	9.56	ng/ul	98
60) 4-Nitroaniline	15.35	138	53209	9.16	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.42	198	35420	7.88	ng/ul#	94
64) N-Nitrosodiphenylamine	15.53	169	224273	10.46	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	78643	9.67	ng/ul	98
66) Hexachlorobenzene	16.33	284	85869	9.47	ng/ul	99
67) Atrazine	16.49	200	80771	10.19	ng/ul	99
68) Pentachlorophenol	16.68	266	29779	6.83	ng/ul	95
69) Phenanthrene	17.06	178	406055	10.12	ng/ul	99
71) Anthracene	17.15	178	418055	10.13	ng/ul	98
72) Carbazole	17.43	167	379867	10.88	ng/ul	100
73) Di-n-butylphthalate	17.99	149	491576	10.30	ng/ul	100
74) Fluoranthene	19.09	202	485855	10.42	ng/ul	98
77) Pyrene	19.45	202	517152	10.29	ng/ul	99
78) Butylbenzylphthalate	20.36	149	229835	10.40	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	152674	9.31	ng/ul	97
80) Benzo(a)anthracene	21.20	228	509474	9.92	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	349574	11.39	ng/ul	100
82) Chrysene	21.26	228	464824	9.61	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	604132	11.70	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	512086	9.67	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	513555	10.31	ng/ul	99
88) Benzo(a)pyrene	23.33	252	508633	10.03	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.64	276	602672	10.22	ng/ul	99
90) Dibenzo(a,h)anthracene	25.64	278	504923	10.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.31	276	513636	9.85	ng/ul	98

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

