

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
 Data File : BG025426.D
 Acq On : 4 Jan 2017 10:20
 Operator : UM/SJ
 Sample : SSTD00528
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD00528

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:57:34 AM

Quant Time: Jan 12 18:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 12:00:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	71381	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	298381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	232568	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	550382	20.00	ng/ul	0.00
77) Chrysene-d12	21.87	240	800739	20.00	ng/ul	0.00
85) Perylene-d12	25.28	264	863375	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	3026	2.00	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.74	132	19051	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.39	128	9409	4.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	9997	4.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	16761	3.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.23	166	80810	5.29	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	87926	4.81	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.82	176	79783	6.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	117877	4.90	ng/ul	0.00
78) Pyrene-d10	19.96	212	148758	4.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.04	264	174163	4.80	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.59	88	3703m	2.01	ng/uL
10) 2-Chlorophenol	7.78	128	20985	5.00	ng/ul# 75
15) N-Nitroso-di-n-propylamine	9.01	70	21376	6.02	ng/ul# 64
17) Hexachloroethane	9.29	117	9639	5.03	ng/ul# 84
20) Nitrobenzene	9.44	77	31796	5.65	ng/ul# 74
21) Isophorone	9.94	82	55984	5.60	ng/ul# 89
23) 2-Nitrophenol	10.16	139	12168	4.91	ng/ul# 71
24) 2,4-Dimethylphenol	10.20	107	26711	4.85	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.42	93	30021	5.18	ng/ul# 94
27) 2,4-Dichlorophenol	10.70	162	21081	4.77	ng/ul# 84
28) Naphthalene	11.08	128	65202	4.60	ng/ul# 96
31) Hexachlorobutadiene	11.34	225	21423	5.97	ng/ul# 84
33) 4-Chloro-3-methylphenol	12.33	107	22918	4.81	ng/ul 91
34) 2-Methylnaphthalene	12.68	142	51223	5.03	ng/ul 94
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	39799	5.46	ng/ul# 96
38) 2,4,6-Trichlorophenol	13.29	196	19117	4.54	ng/ul 97
39) 2,4,5-Trichlorophenol	13.38	196	21811m	4.87	ng/ul
40) 1,1'-Biphenyl	13.66	154	73000	4.74	ng/ul 93
41) 2-Chloronaphthalene	13.72	162	59813	5.03	ng/ul# 87
42) 2-Nitroaniline	13.94	65	20816	5.84	ng/ul# 47
44) Dimethylphthalate	14.28	163	77225	5.16	ng/ul# 96
45) 2,6-Dinitrotoluene	14.42	165	15135	5.15	ng/ul# 77
47) Acenaphthylene	14.56	152	80984	4.37	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.90	153	60947	4.78	ng/ul	94
53) Dibenzofuran	15.23	168	95069	5.16	ng/ul	100
54) 2,4-Dinitrotoluene	15.22	165	22168	5.10	ng/ul#	42
55) 2,3,4,6-Tetrachlorophenol	15.47	232	22625	5.40	ng/ul#	84
56) Diethylphthalate	15.62	149	82658	5.51	ng/ul	98
58) Fluorene	15.88	166	76731	5.09	ng/ul	90
59) 4-Chlorophenyl-phenylether	15.85	204	44983	5.57	ng/ul#	84
64) N-Nitrosodiphenylamine	16.08	169	69089	4.57	ng/ul	97
65) 4-Bromophenyl-phenylether	16.75	248	31478	5.13	ng/ul#	81
66) Hexachlorobenzene	16.88	284	37468	5.47	ng/ul#	87
69) Phenanthrene	17.62	178	135209	4.76	ng/ul	97
71) Anthracene	17.72	178	130163	4.54	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	39664	4.81	ng/uL	87
73) Pentachlorobenzene	15.14	250	40638	4.88	ng/uL	92
75) Di-n-butylphthalate	18.50	149	150254	5.22	ng/ul#	95
79) Pyrene	19.99	202	181437	4.55	ng/ul#	87
80) Butylbenzylphthalate	20.83	149	69490	4.72	ng/ul#	75
82) Benzo(a)anthracene	21.85	228	210516	5.06	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	104918	4.86	ng/ul#	94
84) Chrysene	21.92	228	198758	4.97	ng/ul	96
87) Benzo(b)fluoranthene	24.19	252	207410	4.50	ng/ul#	92
88) Benzo(k)fluoranthene	24.26	252	204677	4.57	ng/ul#	94
90) Benzo(a)pyrene	25.11	252	205939	4.61	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	29.20	276	255727m	4.67	ng/ul	
92) Dibenzo(a,h)anthracene	29.25	278	217085m	4.71	ng/ul	
93) Benzo(q,h,i)perylene	30.45	276	208479m	4.57	ng/ul	

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

