

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
 Data File : BG026434.D
 Acq On : 27 Mar 2017 15:15
 Operator : SJ/MA
 Sample : SSTD04004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04004

Manual Integrations
 APPROVED

mohammad
 3/28/2017 2:44:19 PM

Quant Time: Mar 27 16:04:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 15:45:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	161360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	663795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	386501	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	920400	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1037419	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1017624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	52623	14.02	ng/uL	0.00
5) Phenol-d5	7.21	99	485507	40.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	267837	35.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	431290	44.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	386977	41.28	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	199172	41.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	236523	59.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	421102	47.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	484231	40.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1215071	48.33	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1496348	44.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	244000	49.28	ng/ul	0.00
57) Fluorene-d10	15.64	176	1077740	43.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	246148	57.00	ng/ul	0.00
70) Anthracene-d10	17.48	188	1659226	39.73	ng/ul	0.00
78) Pyrene-d10	19.76	212	1843676	43.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1808707	40.32	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	57015	13.64	ng/uL#	86
4) Benzaldehyde	7.18	77	284527	37.20	ng/ul	92
6) Phenol	7.24	94	503053	40.48	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.46	93	379081	37.59	ng/ul	95
10) 2-Chlorophenol	7.61	128	412771	43.53	ng/ul	97
11) 2-Methylphenol	8.48	108	390044	41.20	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.58	45	354629	30.18	ng/ul	99
14) Acetophenone	8.86	105	579869	37.72	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.85	70	267210	36.86	ng/ul	93
16) 4-Methylphenol	8.81	108	426029	41.49	ng/ul	99
17) Hexachloroethane	9.13	117	151715	38.58	ng/ul	89
20) Nitrobenzene	9.25	77	384884	37.89	ng/ul	90
21) Isophorone	9.76	82	745023	38.84	ng/ul	95
23) 2-Nitrophenol	9.96	139	244681	58.44	ng/ul#	86
24) 2,4-Dimethylphenol	10.01	107	425421	45.16	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.24	93	498674	39.86	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	407899	47.30	ng/ul	96
28) Naphthalene	10.90	128	1272355	39.34	ng/ul	99
30) 4-Chloroaniline	11.00	127	456275	39.68	ng/ul	97
31) Hexachlorobutadiene	11.18	225	258392	41.41	ng/ul	97
32) Caprolactam	11.75	113	148198m	47.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	399705	47.44	ng/ul#	85
34) 2-Methylnaphthalene	12.49	142	978550	40.48	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	485268	44.41	ng/ul#	98
37) Hexachlorocyclopentadiene	12.83	237	249794	43.45	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	333859	58.78	ng/ul	98
39) 2,4,5-Trichlorophenol	13.17	196	342466	56.12	ng/ul	96
40) 1,1'-Biphenyl	13.49	154	1222529	43.02	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	932283	44.01	ng/ul	93
42) 2-Nitroaniline	13.73	65	233127	48.31	ng/ul	92
44) Dimethylphthalate	14.10	163	1153395	46.82	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	270888	53.83	ng/ul#	85
47) Acenaphthylene	14.37	152	1484485	43.63	ng/ul	95
48) 3-Nitroaniline	14.55	138	258741	46.37	ng/ul	93
49) Acenaphthene	14.72	153	1018948	42.71	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	152966	65.28	ng/ul#	82
52) 4-Nitrophenol	14.86	109	131044	45.83	ng/ul#	60
53) Dibenzofuran	15.04	168	1454854	43.56	ng/ul	90
54) 2,4-Dinitrotoluene	15.01	165	385915	51.25	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.27	232	330376	60.57	ng/ul#	86
56) Diethylphthalate	15.46	149	1167741	48.34	ng/ul	94
58) Fluorene	15.69	166	1198829	43.23	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	591177	44.65	ng/ul#	86
60) 4-Nitroaniline	15.71	138	305943	47.02	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.77	198	257721	55.20	ng/ul#	82
64) N-Nitrosodiphenylamine	15.89	169	1054113	41.67	ng/ul	96
65) 4-Bromophenyl-phenylether	16.57	248	405337	42.62	ng/ul#	83
66) Hexachlorobenzene	16.70	284	431826	41.40	ng/ul#	88
67) Atrazine	16.84	200	418476	45.82	ng/ul	96
68) Pentachlorophenol	17.04	266	270852	50.94	ng/ul	100
69) Phenanthrene	17.42	178	1883468	38.61	ng/ul	95
71) Anthracene	17.52	178	1945436	39.57	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	478397	43.45	ng/uL	99
73) Pentachlorobenzene	14.97	250	543961	48.18	ng/uL	100
74) Carbazole	17.78	167	1794815	40.66	ng/ul	95
75) Di-n-butylphthalate	18.33	149	2049986	45.89	ng/ul	97
76) Fluoranthene	19.42	202	2235617	40.64	ng/ul	96
79) Pyrene	19.79	202	2246215	42.46	ng/ul#	94
80) Butylbenzylphthalate	20.66	149	949538	54.83	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.52	252	797457	44.53	ng/ul	99
82) Benzo(a)anthracene	21.61	228	2219237	39.09	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.51	149	1340671	49.62	ng/ul#	92
84) Chrysene	21.68	228	2043110	37.62	ng/ul	94
86) Di-n-octyl phthalate	22.70	149	2283177	50.10	ng/ul#	96
87) Benzo(b)fluoranthene	23.80	252	2385904	42.28	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	2231923	40.60	ng/ul	95
90) Benzo(a)pyrene	24.66	252	2305216	41.57	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.43	276	2780630	41.61	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.49	278	2323413	42.13	ng/ul	99
93) Benzo(g,h,i)perylene	29.56	276	2308411	41.57	ng/ul	99

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

