

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026719.D
 Acq On : 27 Apr 2017 19:21
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02058

Manual Integrations
 APPROVED

mohammad
 4/28/2017 1:44:19 PM

Quant Time: Apr 28 01:43:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 27 19:15:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	164999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	775750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	429546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	876485	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	775474	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	804439	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	27810	7.59	ng/uL	0.00
5) Phenol-d5	7.19	99	293226	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	172512	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	243926	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	242851	19.87	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	130403	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	139071	19.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	219787	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	324934	21.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	692346	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	872635	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	120362	19.31	ng/ul	0.00
57) Fluorene-d10	15.61	176	600109	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	99887	18.77	ng/ul	0.00
70) Anthracene-d10	17.45	188	851626	20.02	ng/ul	0.00
76) Pyrene-d10	19.73	212	813118	19.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	760966	20.01	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.46	88	30220	7.23	ng/uL#	72
4) Benzaldehyde	7.15	77	117387	16.49	ng/ul#	60
6) Phenol	7.22	94	297968	19.96	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.42	93	229528	19.92	ng/ul	84
10) 2-Chlorophenol	7.58	128	239433	19.46	ng/ul#	79
11) 2-Methylphenol	8.46	108	232444	19.68	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.54	45	243912	20.28	ng/ul#	86
14) Acetophenone	8.83	105	369524	20.58	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	175372	19.80	ng/ul#	69
16) 4-Methylphenol	8.79	108	255791	19.80	ng/ul	96
17) Hexachloroethane	9.09	117	90009	19.46	ng/ul#	70
20) Nitrobenzene	9.21	77	248501	19.86	ng/ul#	75
21) Isophorone	9.73	82	483207	20.12	ng/ul#	89
23) 2-Nitrophenol	9.92	139	148818	20.07	ng/ul#	55
24) 2,4-Dimethylphenol	9.99	107	268703	19.88	ng/ul#	76
25) Bis(2-Chloroethoxy)methane	10.21	93	322486	19.66	ng/ul#	94
27) 2,4-Dichlorophenol	10.47	162	222618	19.92	ng/ul	95
28) Naphthalene	10.86	128	800282	19.82	ng/ul	97
30) 4-Chloroaniline	10.97	127	307908	21.76	ng/ul	96
31) Hexachlorobutadiene	11.14	225	110312	19.51	ng/ul	91
32) Caprolactam	11.71	113	85358	20.44	ng/ul#	53
33) 4-Chloro-3-methylphenol	12.10	107	245738	20.28	ng/ul#	85
34) 2-Methylnaphthalene	12.46	142	591637	19.74	ng/ul	94

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026719.D
 Acq On : 27 Apr 2017 19:21
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02058

Manual Integrations
 APPROVED

mohammad
 4/28/2017 1:44:19 PM

Quant Time: Apr 28 01:43:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 27 19:15:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	220660	19.48	ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	92256	18.49	ng/ul	99
38) 2,4,6-Trichlorophenol	13.06	196	157820	20.26	ng/ul	98
39) 2,4,5-Trichlorophenol	13.15	196	161651	20.07	ng/ul	93
40) 1,1'-Biphenyl	13.46	154	721411	19.98	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	536503	19.77	ng/ul	95
42) 2-Nitroaniline	13.71	65	155223	20.01	ng/ul#	67
44) Dimethylphthalate	14.07	163	673291	19.89	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	143044	20.03	ng/ul#	83
47) Acenaphthylene	14.35	152	891984	20.16	ng/ul	99
48) 3-Nitroaniline	14.53	138	152058	20.23	ng/ul#	75
49) Acenaphthene	14.69	153	611611	19.87	ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	42618m	11.67	ng/ul	
52) 4-Nitrophenol	14.85	109	70470	19.28	ng/ul#	35
53) Dibenzofuran	15.02	168	814230	19.88	ng/ul	97
54) 2,4-Dinitrotoluene	14.98	165	207732	20.32	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.25	232	129986	20.54	ng/ul#	80
56) Diethylphthalate	15.43	149	721197	20.36	ng/ul	98
58) Fluorene	15.66	166	668187	19.99	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	291797	20.02	ng/ul	92
60) 4-Nitroaniline	15.69	138	155539	18.77	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.74	198	106571	19.23	ng/ul#	90
64) N-Nitrosodiphenylamine	15.87	169	574102	19.93	ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	174876	19.99	ng/ul#	83
66) Hexachlorobenzene	16.67	284	185605	19.71	ng/ul#	91
67) Atrazine	16.81	200	187092	20.78	ng/ul	91
68) Pentachlorophenol	17.02	266	79343	18.45	ng/ul	91
69) Phenanthrene	17.39	178	993333	20.12	ng/ul	99
71) Anthracene	17.49	178	1025308	20.24	ng/ul	98
72) Carbazole	17.76	167	941784	21.99	ng/ul	98
73) Di-n-butylphthalate	18.31	149	1153861	20.71	ng/ul#	96
74) Fluoranthene	19.40	202	1029856	22.47	ng/ul#	81
77) Pyrene	19.76	202	1050491	20.19	ng/ul#	79
78) Butylbenzylphthalate	20.64	149	491497	20.34	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.50	252	303368	20.35	ng/ul#	93
80) Benzo(a)anthracene	21.58	228	900028	19.84	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	709215	20.57	ng/ul#	98
82) Chrysene	21.64	228	829711	19.69	ng/ul	99
84) Di-n-octyl phthalate	22.66	149	1199491	21.70	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	916359	19.94	ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	890828	19.72	ng/ul#	93
88) Benzo(a)pyrene	24.61	252	892886	19.74	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.35	276	1046319	19.51	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.41	278	886271	19.49	ng/ul#	85
91) Benzo(g,h,i)perylene	29.47	276	874396	19.66	ng/ul#	79

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

