

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026436.D
 Acq On : 27 Mar 2017 16:34
 Operator : SJ/MA
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16006

Quant Time: Mar 27 17:07:39 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	165914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	685994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	398462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	911516	20.00	ng/ul	0.01
77) Chrysene-d12	21.64	240	982862	20.00	ng/ul	0.01
85) Perylene-d12	24.82	264	996122	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	213338	55.28	ng/uL	0.00
5) Phenol-d5	7.22	99	1898474	153.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1057246	135.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1717285	172.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	1561943	162.04	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	832934	168.07	ng/ul	0.01
22) 2-Nitrophenol-d4	9.93	143	997878	244.64	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.47	165	1666766	183.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.98	131	1534536	123.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.06	166	4100101	158.19	ng/ul	0.02
46) Acenaphthylene-d8	14.35	160	4928130	141.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	995756	195.09	ng/ul	0.03
57) Fluorene-d10	15.64	176	3681799	144.07	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.77	200	997837	233.31	ng/ul	0.02
70) Anthracene-d10	17.39	188	911516	22.04	ng/ul	-0.09
78) Pyrene-d10	19.76	212	5131366	126.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	6275780	142.93	ng/ul	0.03

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.51	88	224829	52.31	ng/uL#	86
4) Benzaldehyde	7.18	77	952013	121.06	ng/ul	90
6) Phenol	7.25	94	1948199	152.46	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	1498109	144.47	ng/ul	91
10) 2-Chlorophenol	7.62	128	1634366	167.64	ng/ul	93
11) 2-Methylphenol	8.49	108	1569224	161.19	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	1411584	116.82	ng/ul	99
14) Acetophenone	8.88	105	2218182	140.34	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.88	70	1042567	139.86	ng/ul#	94
16) 4-Methylphenol	8.83	108	1676991	158.83	ng/ul	97
17) Hexachloroethane	9.13	117	620495	153.48	ng/ul	86
20) Nitrobenzene	9.26	77	1533424	146.07	ng/ul#	88
21) Isophorone	9.79	82	2828539	142.70	ng/ul#	91
23) 2-Nitrophenol	9.96	139	1010527	233.56	ng/ul#	89
24) 2,4-Dimethylphenol	10.03	107	1672302	171.79	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.25	93	1942573	150.24	ng/ul	96
27) 2,4-Dichlorophenol	10.50	162	1598187	179.31	ng/ul	97
28) Naphthalene	10.90	128	4379955	131.05	ng/ul#	89
30) 4-Chloroaniline	11.00	127	1429392	120.29	ng/ul	94
31) Hexachlorobutadiene	11.18	225	1029044	159.60	ng/ul	98
32) Caprolactam	11.81	113	371494	115.93	ng/ul	95
33) 4-Chloro-3-methylphenol	12.14	107	1574310	180.80	ng/ul#	85
34) 2-Methylnaphthalene	12.49	142	3439446	137.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	1844858	163.79	ng/ul	97
37) Hexachlorocyclopentadiene	12.84	237	1125459	189.91	ng/ul	97
38) 2,4,6-Trichlorophenol	13.10	196	1326446	226.53	ng/ul	96
39) 2,4,5-Trichlorophenol	13.18	196	1378507	219.11	ng/ul	98
40) 1,1'-Biphenyl	13.49	154	4005794	136.74	ng/ul#	82
41) 2-Chloronaphthalene	13.54	162	3287283	150.53	ng/ul#	94
42) 2-Nitroaniline	13.75	65	956762	192.33	ng/ul	90
44) Dimethylphthalate	14.11	163	3862615	152.10	ng/ul#	89
45) 2,6-Dinitrotoluene	14.23	165	1089051	209.92	ng/ul	88
47) Acenaphthylene	14.38	152	4631800	132.05	ng/ul#	77
48) 3-Nitroaniline	14.56	138	883930	153.66	ng/ul	89
49) Acenaphthene	14.72	153	3536101	143.77	ng/ul	94
50) 2,4-Dinitrophenol	14.77	184	756093	312.99	ng/ul#	80
52) 4-Nitrophenol	14.89	109	533622	181.03	ng/ul#	64
53) Dibenzofuran	15.06	168	4562251	132.51	ng/ul	90
54) 2,4-Dinitrotoluene	15.02	165	1519823	195.76	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.28	232	1292255	229.79	ng/ul	91
56) Diethylphthalate	15.47	149	3864538	155.18	ng/ul#	82
58) Fluorene	15.70	166	3866101	135.24	ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.69	204	2125527	155.73	ng/ul	87
60) 4-Nitroaniline	15.74	138	1162310	173.29	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.79	198	1034764	223.81	ng/ul#	85
64) N-Nitrosodiphenylamine	15.90	169	3507541	140.01	ng/ul#	85
65) 4-Bromophenyl-phenylether	16.58	248	1520764	161.45	ng/ul#	85
66) Hexachlorobenzene	16.71	284	1578513	152.80	ng/ul#	89
67) Atrazine	16.85	200	1517144	167.73	ng/ul	95
68) Pentachlorophenol	17.04	266	1076462	204.44	ng/ul	98
69) Phenanthrene	17.44	178	5351715	110.78	ng/ul#	73
71) Anthracene	17.53	178	5307835	109.01	ng/ul#	67
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	1828193	167.64	ng/uL	97
73) Pentachlorobenzene	14.98	250	2018288	180.49	ng/uL	95
74) Carbazole	17.79	167	5196546	118.87	ng/ul#	78
75) Di-n-butylphthalate	18.34	149	5282186	119.40	ng/ul#	80
76) Fluoranthene	19.43	202	5598733	102.77	ng/ul#	76
79) Pvrene	19.80	202	5494871	109.63	ng/ul#	70
80) Butylbenzylphthalate	20.67	149	2993559	182.47	ng/ul#	95
81) 3,3'-Dichlorobenzidine	21.53	252	2360801	139.14	ng/ul	96
82) Benzo(a)anthracene	21.62	228	6095554	113.33	ng/ul#	67
83) Bis(2-ethylhexyl)phthalate	21.51	149	4022012	157.12	ng/ul#	73
84) Chrysene	21.69	228	5686829	110.53	ng/ul#	68
86) Di-n-octyl phthalate	22.71	149	6547274	146.76	ng/ul#	95
87) Benzo(b)fluoranthene	23.82	252	7512592	136.02	ng/ul#	85
88) Benzo(k)fluoranthene	23.89	252	6761130	125.63	ng/ul#	81
90) Benzo(a)pyrene	24.70	252	7232232	133.24	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	28.48	276	10067501	153.89	ng/ul	94
92) Dibenzo(a,h)anthracene	28.55	278	7967899	147.60	ng/ul#	92
93) Benzo(g,h,i)perylene	29.63	276	8323264	153.13	ng/ul	97

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

