

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019313.D
 Acq On : 24 Oct 2015 00:12
 Operator : UM/NP
 Sample : SSTD08029
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08029

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:38:15 PM

Quant Time: Oct 24 01:00:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 24 01:35:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	23520	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	95263	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	78753	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	227255	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	283221	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	266097	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	13522	31.35	ng/uL	0.00
5) Phenol-d5	7.38	99	169092	81.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	95394	71.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	108530	73.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	131499	75.90	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	56158	74.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	65523	82.28	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.68	165	146241	89.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	137905	69.47	ng/ul	0.01
44) Dimethylphthalate-d6	14.27	166	484030	69.73	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	536007	71.12	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	84225	68.83	ng/ul	0.02
58) Fluorene-d10	15.85	176	451218	74.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	121668	83.46	ng/ul	0.01
71) Anthracene-d10	17.70	188	784254	72.12	ng/ul	0.00
79) Pyrene-d10	19.97	212	955135	73.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	1054526	76.64	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.60	88	15633	31.56 ng/uL#	76
4) Benzaldehyde	7.37	77	97943	79.52 ng/ul	89
6) Phenol	7.40	94	179374	82.61 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	118539	77.70 ng/ul	96
10) 2-Chlorophenol	7.80	128	108260	71.91 ng/ul	95
11) 2-Methylphenol	8.67	108	133283	78.08 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.78	45	89059	30.33 ng/ul	97
14) Acetophenone	9.07	105	214708	73.11 ng/ul	92
15) N-Nitroso-di-n-propylamine	9.07	70	128359	84.02 ng/ul#	93
16) 4-Methylphenol	9.01	108	141359	74.23 ng/ul	95
17) Hexachloroethane	9.34	117	52422	77.66 ng/ul	89
20) Nitrobenzene	9.46	77	202822	93.92 ng/ul	96
21) Isophorone	9.99	82	353054	86.21 ng/ul	99
23) 2-Nitrophenol	10.18	139	72101	84.45 ng/ul#	89
24) 2,4-Dimethylphenol	10.22	107	181047	85.95 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	167669	79.73 ng/ul	98
27) 2,4-Dichlorophenol	10.70	162	137870	85.57 ng/ul	94
28) Naphthalene	11.12	128	367153	72.39 ng/ul	96
30) 4-Chloroaniline	11.22	127	142982	69.66 ng/ul	93
31) Hexachlorobutadiene	11.40	225	136908	106.29 ng/ul	88
32) Caprolactam	12.00	113	45663m	79.59 ng/ul	
33) 4-Chloro-3-methylphenol	12.32	107	175681	85.65 ng/ul#	91
34) 2-Methylnaphthalene	12.71	142	289217	72.03 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	284121	72.49	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	244232	90.27	ng/ul#	97
38) Hexachlorocyclopentadiene	13.05	237	197314	111.30	ng/ul	99
39) 2,4,6-Trichlorophenol	13.30	196	146789	87.43	ng/ul	97
40) 2,4,5-Trichlorophenol	13.37	196	158200	86.60	ng/ul	99
41) 1,1'-Biphenyl	13.70	154	423293	69.36	ng/ul#	98
42) 2-Chloronaphthalene	13.75	162	324943	68.14	ng/ul	99
43) 2-Nitroaniline	13.94	65	136536	73.44	ng/ul	93
45) Dimethylphthalate	14.31	163	478547	68.87	ng/ul	97
46) 2,6-Dinitrotoluene	14.43	165	103790	77.22	ng/ul	94
48) Acenaphthylene	14.59	152	542532	66.57	ng/ul	99
49) 3-Nitroaniline	14.75	138	84796	67.07	ng/ul	99
50) Acenaphthene	14.93	153	369759	67.47	ng/ul	98
51) 2,4-Dinitrophenol	14.95	184	89105	104.54	ng/ul	89
53) 4-Nitrophenol	15.05	109	132686	89.47	ng/ul#	85
54) Dibenzofuran	15.26	168	542250	69.19	ng/ul	96
55) 2,4-Dinitrotoluene	15.21	165	158647	73.80	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.48	232	183071	99.22	ng/ul	98
57) Diethylphthalate	15.67	149	485867	67.57	ng/ul	99
59) Fluorene	15.90	166	483277	72.00	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.89	204	289115	80.07	ng/ul	98
61) 4-Nitroaniline	15.92	138	103919	69.11	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.97	198	127010	86.28	ng/ul#	95
65) N-Nitrosodiphenylamine	16.10	169	442133	70.71	ng/ul	96
66) 4-Bromophenyl-phenylether	16.79	248	212772	79.99	ng/ul	98
67) Hexachlorobenzene	16.90	284	227234	75.13	ng/ul	95
68) Atrazine	17.05	200	228041	74.81	ng/ul	99
69) Pentachlorophenol	17.24	266	166325	98.41	ng/ul	96
70) Phenanthrene	17.64	178	867141	68.27	ng/ul	95
72) Anthracene	17.74	178	871859	67.67	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	245908	85.04	ng/uL	97
74) Pentachlorobenzene	15.18	250	251037	80.29	ng/uL	97
75) Carbazole	18.00	167	733820	66.71	ng/ul	95
76) Di-n-butylphthalate	18.55	149	837685	58.66	ng/ul	98
77) Fluoranthene	19.64	202	1189656	73.35	ng/ul#	97
80) Pvrene	20.00	202	1193257	70.72	ng/ul#	97
81) Butylbenzylphthalate	20.88	149	390516	65.73	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.77	252	423479	78.57	ng/ul	93
83) Benzo(a)anthracene	21.87	228	1235953	75.73	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	540809	65.48	ng/ul	100
85) Chrysene	21.94	228	1146108	74.41	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	882062	63.69	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	1252082	80.16	ng/ul	96
89) Benzo(k)fluoranthene	24.28	252	1168551	76.74	ng/ul	97
91) Benzo(a)pyrene	25.13	252	1146661	76.84	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.20	276	1323375	75.45	ng/ul	97
93) Dibenzo(a,h)anthracene	29.28	278	1087299m	71.97	ng/ul	
94) Benzo(a,h,i)perylene	30.43	276	1094810	75.87	ng/ul#	92

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

