

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005878.D
 Acq On : 21 Jun 2016 03:56
 Operator : UM/SJ
 Sample : SSTD08038
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08038

Manual Integrations
 APPROVED

sohil
 6/21/2016 4:25:15 PM

Quant Time: Jun 21 05:47:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 05:29:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	257073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1354181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	819174	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1941741	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1876825	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	2193712	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	175969	28.79	ng/uL	0.00
5) Phenol-d5	6.86	99	2259547	99.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	1255784	94.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	1631527	88.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	1854578	98.92	ng/ul	0.01
19) Nitrobenzene-d5	8.84	128	815615	79.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	862759	77.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	1744416	79.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	1551415	70.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	5339734	76.21	ng/ul	0.01
46) Acenaphthylene-d8	14.02	160	6227308	72.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	1080162	84.30	ng/ul	0.02
57) Fluorene-d10	15.33	176	4234890	70.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	758650	73.80	ng/ul	0.02
70) Anthracene-d10	17.18	188	6412771	67.59	ng/ul	0.00
76) Pyrene-d10	19.48	212	6997755	78.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	7647427	72.30	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	297323	27.92	ng/uL	99
4) Benzaldehyde	6.83	77	283613	25.19	ng/ul	96
6) Phenol	6.88	94	2248691	96.35	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.12	93	1640304	92.47	ng/ul	99
10) 2-Chlorophenol	7.25	128	1643049	88.70	ng/ul	98
11) 2-Methylphenol	8.12	108	1763199	98.90	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	2422662	100.21	ng/ul	100
14) Acetophenone	8.50	105	2545064	89.82	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	1394465	91.55	ng/ul	97
16) 4-Methylphenol	8.46	108	1911536	97.50	ng/ul	100
17) Hexachloroethane	8.75	117	606183	83.46	ng/ul	98
20) Nitrobenzene	8.88	77	2045721	80.19	ng/ul	99
21) Isophorone	9.41	82	4222716	84.18	ng/ul	99
23) 2-Nitrophenol	9.59	139	941176	77.92	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	2099960	79.37	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	2449031	82.91	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	1693885	77.95	ng/ul	98
28) Naphthalene	10.52	128	5249154	74.89	ng/ul	99
30) 4-Chloroaniline	10.63	127	1609315	71.17	ng/ul	99
31) Hexachlorobutadiene	10.80	225	926839	66.45	ng/ul	98
32) Caprolactam	11.43	113	754759m	95.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	2104037	84.68	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	3913317	75.06	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.51	216	1908012	68.37	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	1132545	67.67	ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	1388205	75.28	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	1517898	74.80	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	4965395	70.50	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	3816494	70.72	ng/ul	99
42) 2-Nitroaniline	13.41	65	1466472	91.00	ng/ul	97
44) Dimethylphthalate	13.80	163	5104187	73.84	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	1094123	81.85	ng/ul	98
47) Acenaphthylene	14.05	152	6205423	70.80	ng/ul	98
48) 3-Nitroaniline	14.24	138	1181160	91.70	ng/ul#	97
49) Acenaphthene	14.40	153	4168568	72.15	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	474976	70.92	ng/ul	94
52) 4-Nitrophenol	14.56	109	973607	76.73	ng/ul	90
53) Dibenzofuran	14.73	168	5771309	69.91	ng/ul	95
54) 2,4-Dinitrotoluene	14.70	165	1586930	81.43	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.96	232	1284618	72.80	ng/ul	98
56) Diethylphthalate	15.17	149	5501526	77.17	ng/ul	100
58) Fluorene	15.39	166	4074037	61.67	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	1943321	59.92	ng/ul	96
60) 4-Nitroaniline	15.42	138	1313400	85.24	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	820234	75.54	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	4190604	69.13	ng/ul	100
65) 4-Bromophenyl-phenylether	16.28	248	1489165	67.97	ng/ul	98
66) Hexachlorobenzene	16.39	284	1619827	65.19	ng/ul	96
67) Atrazine	16.56	200	1566607	70.35	ng/ul	99
68) Pentachlorophenol	16.73	266	1072889	73.98	ng/ul	97
69) Phenanthrene	17.12	178	7599105	67.91	ng/ul	99
71) Anthracene	17.22	178	7398388	65.05	ng/ul	98
72) Carbazole	17.49	167	7384984	73.45	ng/ul	98
73) Di-n-butylphthalate	18.06	149	8969770	72.56	ng/ul	97
74) Fluoranthene	19.14	202	8715241	68.77	ng/ul	98
77) Pyrene	19.51	202	8272511	73.34	ng/ul	97
78) Butylbenzylphthalate	20.42	149	4344295	89.32	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	2456353	70.05	ng/ul	99
80) Benzo(a)anthracene	21.26	228	8303881	72.72	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	5119198	74.05	ng/ul	99
82) Chrysene	21.32	228	7730556	71.36	ng/ul	98
84) Di-n-octyl phthalate	22.09	149	10541543	77.41	ng/ul	97
85) Benzo(b)fluoranthene	22.84	252	9846255	73.44	ng/ul	98
86) Benzo(k)fluoranthene	22.89	252	7893350	62.10	ng/ul	98
88) Benzo(a)pyrene	23.42	252	8619899	66.72	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.76	276	9343860	62.78	ng/ul	97
90) Dibenzo(a,h)anthracene	25.77	278	7397253	59.82	ng/ul	98
91) Benzo(g,h,i)perylene	26.44	276	8422192	67.41	ng/ul	97

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

