

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
 Data File : BM004315.D
 Acq On : 22 Feb 2016 17:27
 Operator : SJ/UM
 Sample : SSTD08046
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08046

Manual Integrations
 APPROVED

Sohil
 2/23/2016 5:22:20 PM

Quant Time: Feb 22 18:40:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 20 06:01:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	27067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	130585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	81754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	192335	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	210829	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	192062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	16773	31.22	ng/uL	0.00
5) Phenol-d5	6.82	99	187279	86.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	91831	78.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	162162	84.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	164863	89.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	83520	83.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	96763	86.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	167603	82.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	205790	85.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	534866	78.62	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	640315	77.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	95680	86.93	ng/ul	0.00
58) Fluorene-d10	15.29	176	446191	77.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	103151	88.07	ng/ul	0.00
71) Anthracene-d10	17.15	188	701990	74.65	ng/ul	0.00
79) Pyrene-d10	19.46	212	782588	69.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	777759	75.89	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.12	88	18630	29.63	ng/uL	98
4) Benzaldehyde	6.77	77	99319	79.25	ng/ul	94
6) Phenol	6.85	94	198383	85.68	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	140612	79.58	ng/ul	96
10) 2-Chlorophenol	7.20	128	166503	83.07	ng/ul	98
11) 2-Methylphenol	8.09	108	161687	88.61	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	134012	77.76	ng/ul	99
14) Acetophenone	8.46	105	251173	85.11	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	117731	82.71	ng/ul	96
16) 4-Methylphenol	8.43	108	176152	88.32	ng/ul	98
17) Hexachloroethane	8.69	117	61283	76.77	ng/ul	94
20) Nitrobenzene	8.83	77	175780	76.91	ng/ul	97
21) Isophorone	9.36	82	351849	80.40	ng/ul	98
23) 2-Nitrophenol	9.55	139	106308	84.28	ng/ul	91
24) 2,4-Dimethylphenol	9.62	107	202477	79.98	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	208816	77.38	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	174677	82.97	ng/ul	99
28) Naphthalene	10.46	128	552050	76.02	ng/ul	100
30) 4-Chloroaniline	10.59	127	213454	83.49	ng/ul	99
31) Hexachlorobutadiene	10.75	225	103724	73.16	ng/ul	99
32) Caprolactam	11.39	113	62199m	102.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	201056	86.11	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	411278	78.49	ng/ul	100

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35) 1-Methylnaphthalene	12.31	142	390079	78.75	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	211982	74.06	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	100009	73.94	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	141622	78.27	ng/ul	100
40) 2,4,5-Trichlorophenol	12.80	196	157681	80.90	ng/ul	100
41) 1,1'-Biphenyl	13.12	154	531355	72.70	ng/ul	98
42) 2-Chloronaphthalene	13.16	162	415044	74.68	ng/ul	100
43) 2-Nitroaniline	13.39	65	116023	85.62	ng/ul	92
45) Dimethylphthalate	13.76	163	554892	78.08	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	124641	88.91	ng/ul	96
48) Acenaphthylene	14.02	152	678311	75.15	ng/ul	99
49) 3-Nitroaniline	14.22	138	116845	87.90	ng/ul	96
50) Acenaphthene	14.36	153	456116	74.58	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	67427	99.58	ng/ul	93
53) 4-Nitrophenol	14.56	109	71494	81.22	ng/ul	95
54) Dibenzofuran	14.70	168	627321	74.23	ng/ul	97
55) 2,4-Dinitrotoluene	14.69	165	174884	86.78	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.93	232	132572	84.07	ng/ul	97
57) Diethylphthalate	15.13	149	571972	80.11	ng/ul	99
59) Fluorene	15.35	166	508940	74.74	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	251662	74.48	ng/ul	95
61) 4-Nitroaniline	15.40	138	125777	84.86	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.46	198	110647	86.73	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	463351	71.40	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	161660	72.57	ng/ul	95
67) Hexachlorobenzene	16.36	284	178248	71.18	ng/ul	96
68) Atrazine	16.53	200	180246	80.50	ng/ul	98
69) Pentachlorophenol	16.71	266	80423	69.36	ng/ul	99
70) Phenanthrene	17.09	178	848665	72.95	ng/ul	99
72) Anthracene	17.19	178	861151	72.93	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	201043	67.22	ng/uL	100
74) Pentachlorobenzene	14.62	250	201712	68.64	ng/uL	99
75) Carbazole	17.46	167	795094	80.08	ng/ul	100
76) Di-n-butylphthalate	18.02	149	1007016	78.33	ng/ul	99
77) Fluoranthene	19.12	202	1006637	82.64	ng/ul	100
80) Pvrene	19.49	202	1032501	67.72	ng/ul	100
81) Butylbenzylphthalate	20.39	149	479973	78.65	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.18	252	332315	78.13	ng/ul	99
83) Benzo(a)anthracene	21.24	228	1033123	76.12	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	669649	74.99	ng/ul#	97
85) Chrysene	21.30	228	973750	76.00	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	1212736	82.78	ng/ul#	96
88) Benzo(b)fluoranthene	22.82	252	977785	76.95	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	962090	79.28	ng/ul	99
91) Benzo(a)pyrene	23.40	252	915506	75.79	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	828998	60.57	ng/ul	98
93) Dibenzo(a,h)anthracene	25.74	278	689589	60.02	ng/ul	99
94) Benzo(a,h,i)perylene	26.42	276	676905	58.56	ng/ul	99

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

