

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
 Data File : BM008983.D
 Acq On : 08 Feb 2017 12:50
 Operator : SJ/MA
 Sample : SSTD04038
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04038

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:32:48 PM

Quant Time: Feb 08 13:53:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 13:42:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	206304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	843940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	615911	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1325559	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1702587	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1554738	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	80463	15.60	ng/uL	0.00
5) Phenol-d5	7.06	99	728302	37.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	526422	33.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	507059	42.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	547348	37.57	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	245557	40.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	271209	40.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	556874	39.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	617970	47.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1711867	37.92	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	2153192	42.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	304012	41.26	ng/ul	0.00
57) Fluorene-d10	15.54	176	1578898	37.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	325186	37.89	ng/ul	0.00
70) Anthracene-d10	17.39	188	2566149	40.52	ng/ul	0.00
76) Pyrene-d10	19.68	212	2947098	39.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2855283	40.44	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.40	88	92336	14.22	ng/uL#	66
4) Benzaldehyde	7.05	77	595110	30.88	ng/ul	85
6) Phenol	7.09	94	772343	37.78	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.33	93	612469	39.63	ng/ul#	82
10) 2-Chlorophenol	7.47	128	516787	42.04	ng/ul#	81
11) 2-Methylphenol	8.34	108	529255	36.92	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.44	45	964575	31.51	ng/ul	97
14) Acetophenone	8.73	105	934589	34.18	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.72	70	571004	31.79	ng/ul#	78
16) 4-Methylphenol	8.67	108	589295	38.51	ng/ul	97
17) Hexachloroethane	8.99	117	249247	31.84	ng/ul#	78
20) Nitrobenzene	9.12	77	821149	29.41	ng/ul#	89
21) Isophorone	9.64	82	1433084	34.60	ng/ul#	94
23) 2-Nitrophenol	9.82	139	291407	41.41	ng/ul#	55
24) 2,4-Dimethylphenol	9.87	107	706990	33.07	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.12	93	817572	38.82	ng/ul	95
27) 2,4-Dichlorophenol	10.35	162	552122	38.57	ng/ul#	92
28) Naphthalene	10.76	128	1695740	40.54	ng/ul	98
30) 4-Chloroaniline	10.87	127	638081	46.48	ng/ul	96
31) Hexachlorobutadiene	11.03	225	442684	31.33	ng/ul	96
32) Caprolactam	11.65	113	168259m	38.71	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	642330	33.78	ng/ul#	88
34) 2-Methylnaphthalene	12.37	142	1279429	39.06	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.73	216	804568	38.91	ng/ul#	95
37) Hexachlorocyclopentadiene	12.71	237	521501	33.15	ng/ul	99
38) 2,4,6-Trichlorophenol	12.97	196	488404	39.13	ng/ul	97
39) 2,4,5-Trichlorophenol	13.05	196	527478	38.76	ng/ul	94
40) 1,1'-Biphenyl	13.38	154	1717128	41.00	ng/ul	94
41) 2-Chloronaphthalene	13.42	162	1331393	40.57	ng/ul	96
42) 2-Nitroaniline	13.63	65	500356	28.27	ng/ul#	77
44) Dimethylphthalate	14.00	163	1702941	38.66	ng/ul	99
45) 2,6-Dinitrotoluene	14.13	165	336995	39.97	ng/ul#	70
47) Acenaphthylene	14.27	152	2113420	41.93	ng/ul	100
48) 3-Nitroaniline	14.46	138	337125	46.61	ng/ul#	81
49) Acenaphthene	14.61	153	1446637	39.99	ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	218903	34.38	ng/ul#	73
52) 4-Nitrophenol	14.75	109	360491	22.43	ng/ul#	75
53) Dibenzofuran	14.94	168	2147853	38.96	ng/ul	89
54) 2,4-Dinitrotoluene	14.91	165	509902	39.81	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.17	232	493524	37.63	ng/ul#	92
56) Diethylphthalate	15.36	149	1773243	36.34	ng/ul	97
58) Fluorene	15.60	166	1764178	37.61	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.59	204	952926	35.54	ng/ul	95
60) 4-Nitroaniline	15.62	138	377542	40.34	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.67	198	346590	39.90	ng/ul#	69
64) N-Nitrosodiphenylamine	15.80	169	1550507	42.29	ng/ul	98
65) 4-Bromophenyl-phenylether	16.48	248	617896	39.70	ng/ul	90
66) Hexachlorobenzene	16.59	284	672285	40.10	ng/ul	92
67) Atrazine	16.75	200	608445	36.78	ng/ul	97
68) Pentachlorophenol	16.93	266	411376	38.61	ng/ul#	85
69) Phenanthrene	17.34	178	2926406	40.80	ng/ul	98
71) Anthracene	17.43	178	3017211	40.92	ng/ul	97
72) Carbazole	17.70	167	2637090	40.23	ng/ul	97
73) Di-n-butylphthalate	18.24	149	3155710	40.66	ng/ul#	97
74) Fluoranthene	19.34	202	3605622	37.65	ng/ul#	93
77) Pyrene	19.71	202	3780114	40.13	ng/ul#	92
78) Butylbenzylphthalate	20.59	149	1428559	40.86	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.38	252	1380157	41.51	ng/ul	98
80) Benzo(a)anthracene	21.45	228	3869488	39.32	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.36	149	2107718	43.09	ng/ul	94
82) Chrysene	21.50	228	3676337	39.51	ng/ul	99
84) Di-n-octyl phthalate	22.27	149	3639949	38.64	ng/ul#	88
85) Benzo(b)fluoranthene	23.10	252	3728381	39.64	ng/ul#	98
86) Benzo(k)fluoranthene	23.15	252	3701686	41.08	ng/ul#	98
88) Benzo(a)pyrene	23.71	252	3609939	40.17	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.21	276	3907870	40.42	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.23	278	3318956	40.23	ng/ul#	95
91) Benzo(g,h,i)perylene	26.96	276	3239709	40.92	ng/ul#	95

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

