

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
 Data File : BM012965.D
 Acq On : 16 Nov 2017 14:57
 Operator : SJ/JU
 Sample : SSTD04029
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04029

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 5:13:20 PM

Quant Time: Nov 16 16:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 16:08:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	149937	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	629033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	360262	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	805285	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	891467	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	902936	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	47218	13.66	ng/uL	0.00
5) Phenol-d5	6.90	99	528478	37.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	298850	34.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	424707	38.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	431240	36.22	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	186004	37.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	179432	34.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	430983	41.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	501512	43.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1241082	39.12	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1604284	40.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	194541	35.63	ng/ul	0.00
57) Fluorene-d10	15.37	176	1066113	40.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	136216	26.25	ng/ul	0.00
70) Anthracene-d10	17.22	188	1656316	40.63	ng/ul	0.00
76) Pyrene-d10	19.51	212	1826170	41.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	1862003	41.26	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	57191	14.465	ng/uL#	64
4) Benzaldehyde	6.87	77	299771	38.299	ng/ul	92
6) Phenol	6.92	94	523493	37.654	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.16	93	389064	36.422	ng/ul	99
10) 2-Chlorophenol	7.30	128	420505	38.208	ng/ul	98
11) 2-Methylphenol	8.17	108	394890	37.782	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	438876	26.633	ng/ul#	82
14) Acetophenone	8.55	105	650820	38.051	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.55	70	327746	35.692	ng/ul#	66
16) 4-Methylphenol	8.50	108	412999	35.728	ng/ul	99
17) Hexachloroethane	8.80	117	184144	42.538	ng/ul#	74
20) Nitrobenzene	8.93	77	461508	38.222	ng/ul	92
21) Isophorone	9.45	82	902613	39.716	ng/ul#	93
23) 2-Nitrophenol	9.63	139	199213	35.007	ng/ul#	78
24) 2,4-Dimethylphenol	9.70	107	483967	40.753	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	9.94	93	524307	37.036	ng/ul	95
27) 2,4-Dichlorophenol	10.16	162	399109	41.175	ng/ul#	88
28) Naphthalene	10.57	128	1303601	38.933	ng/ul	99
30) 4-Chloroaniline	10.67	127	487905	43.598	ng/ul	95
31) Hexachlorobutadiene	10.85	225	290596	47.776	ng/ul	97
32) Caprolactam	11.43	113	128462m	37.525	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	422969	38.656	ng/ul	97
34) 2-Methylnaphthalene	12.19	142	943222	38.788	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.55	216	530629	45.040	ng/ul	95
37) Hexachlorocyclopentadiene	12.53	237	387043	108.605	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	324214	43.404	ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	337297	42.247	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	1220345	39.615	ng/ul	97
41) 2-Chloronaphthalene	13.24	162	958687	40.526	ng/ul	97
42) 2-Nitroaniline	13.44	65	221608	32.312	ng/ul	89
44) Dimethylphthalate	13.84	163	1204951	39.334	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	201423	34.594	ng/ul#	97
47) Acenaphthylene	14.09	152	1484707	39.696	ng/ul	98
48) 3-Nitroaniline	14.27	138	179382	32.564	ng/ul#	88
49) Acenaphthene	14.43	153	1002857	38.414	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	85430	27.178	ng/ul	94
52) 4-Nitrophenol	14.58	109	178008	42.697	ng/ul#	80
53) Dibenzofuran	14.77	168	1416580	39.141	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	292849	33.186	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.00	232	279134	38.999	ng/ul	91
56) Diethylphthalate	15.22	149	1212829	39.013	ng/ul	95
58) Fluorene	15.43	166	1177728	39.557	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	621186	41.565	ng/ul	98
60) 4-Nitroaniline	15.44	138	225657	36.034	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.50	198	155418	29.154	ng/ul#	88
64) N-Nitrosodiphenylamine	15.64	169	1023822	40.244	ng/ul	96
65) 4-Bromophenyl-phenylether	16.32	248	395367	41.838	ng/ul	97
66) Hexachlorobenzene	16.42	284	419606	38.354	ng/ul#	94
67) Atrazine	16.60	200	392501	41.488	ng/ul	92
68) Pentachlorophenol	16.76	266	213458	39.208	ng/ul	97
69) Phenanthrene	17.16	178	1848029	39.531	ng/ul	98
71) Anthracene	17.25	178	1897492	39.707	ng/ul	99
72) Carbazole	17.52	167	1633367	39.132	ng/ul	99
73) Di-n-butylphthalate	18.11	149	2092786	41.708	ng/ul	98
74) Fluoranthene	19.18	202	2224668	42.075	ng/ul#	92
77) Pyrene	19.54	202	2240662	40.502	ng/ul#	90
78) Butylbenzylphthalate	20.46	149	943933	42.075	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.23	252	750392	41.780	ng/ul	97
80) Benzo(a)anthracene	21.29	228	2291652	41.482	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	1390373	42.679	ng/ul#	98
82) Chrysene	21.34	228	2124827	41.009	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2388660	40.356	ng/ul	99
85) Benzo(b)fluoranthene	22.87	252	2348451	41.405	ng/ul#	97
86) Benzo(k)fluoranthene	22.92	252	2201723	40.166	ng/ul#	98
88) Benzo(a)pyrene	23.45	252	2207721	41.352	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.81	276	2610467	43.577	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.83	278	2208003	43.785	ng/ul#	97
91) Benzo(g,h,i)perylene	26.49	276	2138819	43.740	ng/ul#	94

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

