

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000655.D
 Acq On : 27 Mar 2018 19:54
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02038

Quant Time: Mar 28 01:40:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	162146	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	726713	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	398304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	816997	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	644856	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	497268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	33509	7.38	ng/uL	0.00
5) Phenol-d5	7.55	99	317479	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	186369	21.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	235029	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	252222	21.41	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	116864	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	124063	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	223774	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	289884	25.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	648745	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	846573	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	103880	17.78	ng/ul	0.00
57) Fluorene-d10	16.01	176	547768	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	79384	16.97	ng/ul	0.00
70) Anthracene-d10	17.85	188	796406	20.28	ng/ul	0.00
76) Pyrene-d10	20.11	212	788026	22.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	486100	20.71	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.63	88	35980	7.361	ng/uL# 88
4) Benzaldehyde	7.53	77	138344	22.431	ng/ul 90
6) Phenol	7.58	94	325524	21.092	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.81	93	257746	21.046	ng/ul 95
10) 2-Chlorophenol	7.97	128	240168	20.565	ng/ul 97
11) 2-Methylphenol	8.85	108	242381	21.414	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.94	45	287213	21.761	ng/ul# 93
14) Acetophenone	9.24	105	392986	22.436	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.21	70	198464	21.664	ng/ul 94
16) 4-Methylphenol	9.18	108	260995	21.538	ng/ul 96
17) Hexachloroethane	9.51	117	99697	20.461	ng/ul# 73
20) Nitrobenzene	9.64	77	294981	20.246	ng/ul 95
21) Isophorone	10.15	82	571486	20.576	ng/ul 98
23) 2-Nitrophenol	10.35	139	134243	20.414	ng/ul 96
24) 2,4-Dimethylphenol	10.40	107	287204	20.275	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.63	93	351362	20.030	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	219303	20.616	ng/ul# 96
28) Naphthalene	11.30	128	774528	20.295	ng/ul 100
30) 4-Chloroaniline	11.40	127	291844	25.557	ng/ul 99
31) Hexachlorobutadiene	11.57	225	123701	20.985	ng/ul 98
32) Caprolactam	12.15	113	82143	21.124	ng/ul 89
33) 4-Chloro-3-methylphenol	12.51	107	249872	19.981	ng/ul 98
34) 2-Methylnaphthalene	12.88	142	535809	21.030	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	13.24	216	242458	20.262	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	104751	16.788	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	158975	19.586	ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	162781	19.233	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	678609	20.014	ng/ul#	93
41) 2-Chloronaphthalene	13.92	162	528243	20.210	ng/ul	95
42) 2-Nitroaniline	14.11	65	163828	20.687	ng/ul	95
44) Dimethylphthalate	14.47	163	639740	20.553	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	133073	21.216	ng/ul	93
47) Acenaphthylene	14.75	152	823964	20.261	ng/ul	99
48) 3-Nitroaniline	14.93	138	140605	23.218	ng/ul#	94
49) Acenaphthene	15.09	153	562074	20.271	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	50231	16.975	ng/ul#	76
52) 4-Nitrophenol	15.24	109	85640	18.966	ng/ul	85
53) Dibenzofuran	15.42	168	774971	20.578	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	191405	21.525	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	127290	19.696	ng/ul#	91
56) Diethylphthalate	15.81	149	659964	20.773	ng/ul	95
58) Fluorene	16.07	166	621307	20.760	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.05	204	289829	20.959	ng/ul#	88
60) 4-Nitroaniline	16.08	138	160163	23.541	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.15	198	82902	16.783	ng/ul#	88
64) N-Nitrosodiphenylamine	16.26	169	529358	19.668	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	171170	20.555	ng/ul#	87
66) Hexachlorobenzene	17.07	284	187150	21.284	ng/ul#	86
67) Atrazine	17.19	200	171648	21.145	ng/ul	96
68) Pentachlorophenol	17.41	266	91750	19.765	ng/ul	97
69) Phenanthrene	17.80	178	946315	20.106	ng/ul	100
71) Anthracene	17.89	178	968314	20.064	ng/ul	98
72) Carbazole	18.15	167	861977	20.828	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1134837	20.164	ng/ul	99
74) Fluoranthene	19.78	202	1011444	21.626	ng/ul#	82
77) Pyrene	20.14	202	1002629	21.287	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	505173	21.593	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.78	252	221655	17.594	ng/ul#	96
80) Benzo(a)anthracene	21.86	228	836730	19.474	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	718316	21.148	ng/ul#	96
82) Chrysene	21.92	228	772491	19.178	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1153606	27.562	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	653549	20.800	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	633810	20.894	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	590953	19.984	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.92	276	638187	20.014	ng/ul#	82
90) Dibenzo(a,h)anthracene	26.92	278	531921	20.024	ng/ul#	92
91) Benzo(g,h,i)perylene	27.71	276	534554	20.173	ng/ul#	88

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

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