

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101618.D
 Acq On : 21 Dec 2017 20:21
 Operator : SJ/JU
 Sample : I6957-04MS 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Manual Integrations
 APPROVED

Sohil
 12/22/2017 1:56:00 PM

Quant Time: Dec 22 12:40:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124118	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	465672	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	173432	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	263643	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278682	20.00	ng	0.00
86) Perylene-d12	15.44	264	222663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	61544	7.39	ng	0.02
7) Phenol-d6	6.45	99	78062	7.53	ng	0.01
23) Nitrobenzene-d5	7.37	82	48428	5.79	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	8241	4.93	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	89606	8.01	ng	0.00
78) Terphenyl-d14	12.90	244	63523	5.50	ng	0.00

Target Compounds

					Qvalue
4) n-Nitrosodimethylamine	3.39	42	12569m	2.295	ng
8) 2-Chlorophenol	6.59	128	18169	2.073	ng
10) Phenol	6.47	94	28729	2.431	ng
12) 1,3-Dichlorobenzene	6.74	146	21078	2.131	ng
13) 1,4-Dichlorobenzene	6.82	146	22463	2.224	ng
14) 1,2-Dichlorobenzene	6.97	146	20591	2.264	ng
15) Benzyl Alcohol	6.97	79	15554	2.179	ng
16) 2,2'-oxybis(1-Chloropropan	7.07	45	36551	2.576	ng
17) 2-Methylphenol	7.07	107	16942	2.101	ng
19) n-Nitroso-di-n-propylamine	7.20	70	15279	2.244	ng
20) 3+4-Methylphenols	7.25	107	19492	2.281	ng
22) Acetophenone	7.22	105	29698	2.795	ng
24) Nitrobenzene	7.39	77	19502	2.106	ng
25) Isophorone	7.62	82	38241	2.279	ng
27) 2,4-Dimethylphenol	7.75	122	15135	2.240	ng
28) bis(2-Chloroethoxy)methane	7.83	93	24195	2.270	ng
30) 1,2,4-Trichlorobenzene	8.02	180	15819	2.245	ng
31) Naphthalene	8.10	128	54232	2.313	ng
34) Hexachlorobutadiene	8.21	225	9001	2.209	ng
37) 2-Methylnaphthalene	8.80	142	35031	2.294	ng
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	14770	2.522	ng
45) 1,1'-Biphenyl	9.26	154	40923	2.661	ng
46) 2-Chloronaphthalene	9.29	162	28888	2.455	ng
47) 2-Nitroaniline	9.40	65	9361	2.303	ng
48) Acenaphthylene	9.70	152	43379	2.334	ng
49) Dimethylphthalate	9.55	163	44009	3.155	ng
51) Acenaphthene	9.86	154	24829	2.223	ng
54) Dibenzofuran	10.04	168	36519	2.573	ng
57) Fluorene	10.39	166	27152	2.262	ng
59) Diethylphthalate	10.25	149	32375	2.344	ng
60) 4-Chlorophenyl-phenylether	10.37	204	13982	2.430	ng
62) Azobenzene	10.53	77	39075	2.730	ng
65) n-Nitrosodiphenylamine	10.49	169	25686	2.639	ng
66) 4-Bromophenyl-phenylether	10.86	248	7284	2.459	ng

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	10.94	284	6977	2.225	nq	# 87
68) Atrazine	11.02	200	7086	2.441	nq	95
70) Phenanthrene	11.35	178	35204	2.401	nq	97
71) Anthracene	11.40	178	33693	2.250	nq	97
72) Carbazole	11.57	167	29969	2.137	nq	98
73) Di-n-butylphthalate	11.87	149	49010	2.880	nq	97
74) Fluoranthene	12.54	202	35938	2.335	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	30793	2.569	nq	98
84) Di-n-octyl phthalate	14.53	149	51576	2.413	nq	# 93

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

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