

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042415.D
 Acq On : 23 Aug 2019 00:07
 Operator : HP/JU
 Sample : K4452-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-CORNER-3MSD

Quant Time: Aug 23 02:38:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77381	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	309964	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	219273	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	480582	20.00	ng	0.00
76) Chrysene-d12	21.70	240	474186	20.00	ng	0.00
87) Perylene-d12	24.93	264	550803	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	606016	158.61	ng	0.00
7) Phenol-d6	7.17	99	711849	137.93	ng	0.00
23) Nitrobenzene-d5	9.17	82	393534	87.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	345829	110.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1054639	81.35	ng	0.00
79) Terphenyl-d14	20.03	244	1628553	74.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	59921	37.581	ng	95
3) Pyridine	3.82	79	163258	39.930	ng	93
4) n-Nitrosodimethylamine	3.73	42	60649	41.532	ng	86
6) Aniline	7.32	93	194431	28.246	ng	99
8) 2-Chlorophenol	7.57	128	197373	42.625	ng	99
9) Benzaldehyde	7.13	77	67626	26.173	ng	95
10) Phenol	7.19	94	232675	44.341	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	173643	42.135	ng	97
12) 1,3-Dichlorobenzene	7.89	146	207097	35.158	ng	97
13) 1,4-Dichlorobenzene	8.04	146	213305	35.749	ng	98
14) 1,2-Dichlorobenzene	8.36	146	209045	36.585	ng	99
15) Benzyl Alcohol	8.24	79	144159	38.825	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	214814	38.458	ng	98
17) 2-Methylphenol	8.45	107	164139	42.468	ng	92
18) Hexachloroethane	9.09	117	71765	35.133	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	125648	37.579	ng	99
20) 3+4-Methylphenols	8.78	107	218500	40.855	ng	95
22) Acetophenone	8.83	105	259587	39.156	ng	# 99
24) Nitrobenzene	9.21	77	181055	39.861	ng	97
25) Isophorone	9.74	82	342628	38.705	ng	98
26) 2-Nitrophenol	9.93	139	117542	41.295	ng	95
27) 2,4-Dimethylphenol	9.99	122	182017	46.422	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	227026	40.690	ng	97
29) 2,4-Dichlorophenol	10.48	162	213432	41.605	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	230663	36.632	ng	97
31) Naphthalene	10.87	128	564936	39.257	ng	99
32) Benzoic acid	10.13	122	78886	31.173	ng	98
33) 4-Chloroaniline	10.98	127	135135	20.342	ng	98
34) Hexachlorobutadiene	11.17	225	141886	33.528	ng	100
35) Caprolactam	11.75	113	66155	38.647	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	196447	40.339	ng	98
37) 2-Methylnaphthalene	12.49	142	437267	37.842	ng	97
38) 1-Methylnaphthalene	12.71	142	423916	38.622	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	260315	36.968	ng	98

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41) Hexachlorocyclopentadiene	12.84	237	231664	62.631	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	179904	37.797	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	193101	39.150	nq	97
46) 1,1'-Biphenyl	13.49	154	568506	40.109	nq	98
47) 2-Chloronaphthalene	13.53	162	470632	38.508	nq	98
48) 2-Nitroaniline	13.74	65	116647	39.579	nq	99
49) Acenaphthylene	14.39	152	733261	39.879	nq	98
50) Dimethylphthalate	14.12	163	792502	50.091	nq	100
51) 2,6-Dinitrotoluene	14.23	165	140458	38.301	nq	97
52) Acenaphthene	14.73	154	440084	39.416	nq	99
53) 3-Nitroaniline	14.56	138	106760	29.109	nq	95
54) 2,4-Dinitrophenol	14.77	184	69586	32.207	nq	98
55) Dibenzofuran	15.06	168	735615	39.803	nq	99
56) 4-Nitrophenol	14.89	139	236199	90.632	nq	97
57) 2,4-Dinitrotoluene	15.03	165	204833	39.005	nq	96
58) Fluorene	15.71	166	601554	39.818	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	186172	38.168	nq	# 90
60) Diethylphthalate	15.48	149	624237	40.361	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	343955	37.768	nq	100
62) 4-Nitroaniline	15.73	138	153256	39.043	nq	93
63) Azobenzene	16.00	77	435807	41.122	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	67987	22.564	nq	97
66) n-Nitrosodiphenylamine	15.92	169	550068	41.620	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	236758	38.839	nq	97
68) Hexachlorobenzene	16.72	284	235538	35.544	nq	95
69) Atrazine	16.87	200	202610	43.351	nq	98
70) Pentachlorophenol	17.07	266	229730	66.722	nq	98
71) Phenanthrene	17.46	178	952251	39.891	nq	99
72) Anthracene	17.55	178	990551	41.566	nq	98
73) Carbazole	17.82	167	893177	42.054	nq	99
74) Di-n-butylphthalate	18.38	149	1028913	40.982	nq	99
75) Fluoranthene	19.47	202	1205356	41.374	nq	99
77) Benzidine	19.64	184	475152	34.950	nq	99
78) Pyrene	19.83	202	1234184	42.453	nq	98
80) Butylbenzylphthalate	20.71	149	512858	44.851	nq	97
81) Benzo(a)anthracene	21.67	228	1160521	40.232	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	303937	26.199	nq	# 98
83) Chrysene	21.74	228	1120671	40.284	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	699629	44.067	nq	99
85) Di-n-octyl phthalate	22.79	149	1093718	40.054	nq	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1544239	40.847	nq	# 92
88) Benzo(b)fluoranthene	23.90	252	1393745	46.027	nq	# 98
89) Benzo(k)fluoranthene	23.98	252	1255992	43.151	nq	97
90) Benzo(a)pyrene	24.79	252	1250286	43.512	nq	# 99
91) Dibenzo(a,h)anthracene	28.70	278	1264130	43.450	nq	96
92) Benzo(g,h,i)perylene	29.80	276	1207458	41.496	nq	# 97

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

