

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005103.D
 Acq On : 04 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2245-15MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-3DMSD

Quant Time: Apr 05 03:06:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7958	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33997	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19930	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44169	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	48261	20.00	ng	-0.02
87) Perylene-d12	23.48	264	44503	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	58604	127.32	ng	-0.02
7) Phenol-d6	6.83	99	77917	127.63	ng	-0.02
23) Nitrobenzene-d5	8.82	82	44135	78.53	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	44223	137.58	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	125415	83.39	ng	-0.02
79) Terphenyl-d14	19.69	244	200333	79.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	4449	26.523	ng	# 97
3) Pyridine	3.57	79	9486	20.237	ng	98
4) n-Nitrosodimethylamine	3.50	42	4264	27.903	ng	# 95
6) Aniline	6.99	93	18065	23.237	ng	99
8) 2-Chlorophenol	7.22	128	20262	34.676	ng	98
9) Benzaldehyde	6.80	77	9167	26.130	ng	98
10) Phenol	6.86	94	23098	35.308	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	16051	31.729	ng	99
12) 1,3-Dichlorobenzene	7.53	146	20323	31.923	ng	98
13) 1,4-Dichlorobenzene	7.69	146	20602	31.970	ng	99
14) 1,2-Dichlorobenzene	8.00	146	20248	32.832	ng	100
15) Benzyl Alcohol	7.90	79	15138	32.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	18256	29.911	ng	99
17) 2-Methylphenol	8.10	107	16122	35.351	ng	99
18) Hexachloroethane	8.71	117	6942	30.393	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	12769	31.905	ng	97
20) 3+4-Methylphenols	8.42	107	21873	35.324	ng	99
22) Acetophenone	8.48	105	27444	35.363	ng	99
24) Nitrobenzene	8.86	77	18765	32.992	ng	100
25) Isophorone	9.37	82	36174	33.040	ng	98
26) 2-Nitrophenol	9.56	139	10943	33.135	ng	97
27) 2,4-Dimethylphenol	9.62	122	18447	40.120	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	22911	33.774	ng	100
29) 2,4-Dichlorophenol	10.09	162	19748	37.369	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	20731	35.613	ng	100
31) Naphthalene	10.49	128	61389	34.610	ng	100
32) Benzoic acid	9.75	122	4042	15.308	ng	96
33) 4-Chloroaniline	10.61	127	8691	12.043	ng	99
34) Hexachlorobutadiene	10.75	225	12794	33.967	ng	100
35) Caprolactam	11.40	113	5167	29.861	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	20347	35.642	ng	97
37) 2-Methylnaphthalene	12.10	142	45669	36.461	ng	99
38) 1-Methylnaphthalene	12.32	142	43543	35.527	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	24734	34.989	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	31597	79.045	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	16078	36.655	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	17004	35.584	ng	100
46) 1,1'-Biphenyl	13.13	154	59582	35.323	ng	99
47) 2-Chloronaphthalene	13.17	162	45856	35.426	ng	99
48) 2-Nitroaniline	13.39	65	11162	32.394	ng	96
49) Acenaphthylene	14.02	152	73919	33.952	ng	100
50) Dimethylphthalate	13.77	163	69188	42.255	ng	99
51) 2,6-Dinitrotoluene	13.90	165	12986	34.854	ng	94
52) Acenaphthene	14.36	154	42988	35.100	ng	99
53) 3-Nitroaniline	14.23	138	7199	18.904	ng	97
54) 2,4-Dinitrophenol	14.44	184	11339	53.636	ng	99
55) Dibenzofuran	14.70	168	68700	35.252	ng	98
56) 4-Nitrophenol	14.55	139	19483	64.944	ng	98
57) 2,4-Dinitrotoluene	14.69	165	17910	35.371	ng	98
58) Fluorene	15.35	166	55498	35.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16514	37.273	ng	# 99
60) Diethylphthalate	15.13	149	58698	35.925	ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	29781	36.670	ng	98
62) 4-Nitroaniline	15.40	138	11925	31.167	ng	100
63) Azobenzene	15.64	77	45543	33.484	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	8887	31.117	ng	96
66) n-Nitrosodiphenylamine	15.57	169	49276	35.417	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	19542	35.454	ng	99
68) Hexachlorobenzene	16.35	284	23665	36.647	ng	96
69) Atrazine	16.52	200	17606	35.420	ng	99
70) Pentachlorophenol	16.70	266	24532	72.255	ng	99
71) Phenanthrene	17.09	178	86978	35.047	ng	99
72) Anthracene	17.19	178	89620	36.279	ng	100
73) Carbazole	17.46	167	79305	35.270	ng	99
74) Di-n-butylphthalate	18.01	149	102692	37.491	ng	100
75) Fluoranthene	19.12	202	102663	36.260	ng	99
77) Benzidine	19.32	184	16781	11.157	ng	99
78) Pyrene	19.48	202	104882	32.547	ng	99
80) Butylbenzylphthalate	20.39	149	46001	35.131	ng	96
81) Benzo(a)anthracene	21.24	228	98370	32.723	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	21281	18.931	ng	98
83) Chrysene	21.29	228	97709	34.029	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	67747	37.394	ng	99
85) Di-n-octyl phthalate	22.03	149	112352	38.427	ng	98
86) Indeno(1,2,3-cd)pyrene	25.73	276	101422	31.091	ng	99
88) Benzo(b)fluoranthene	22.81	252	99812	36.437	ng	99
89) Benzo(k)fluoranthene	22.86	252	94019	37.428	ng	99
90) Benzo(a)pyrene	23.39	252	90671	36.171	ng	98
91) Dibenzo(a,h)anthracene	25.73	278	85536	33.989	ng	99
92) Benzo(g,h,i)perylene	26.42	276	82530	33.161	ng	98

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

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