

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061522\
 Data File : BM035471.D
 Acq On : 15 Jun 2022 10:37
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 15 23:47:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	266980	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1204873	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	758304	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1577882	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	1579005	20.000	ng	0.00
86) Perylene-d12	23.733	264	1617129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1268376	80.564	ng	0.00
7) Phenol-d6	6.999	99	1805839	82.772	ng	0.00
23) Nitrobenzene-d5	8.981	82	1707976	77.035	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	721212	89.332	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	4099168	77.227	ng	0.00
79) Terphenyl-d14	19.833	244	5983991	72.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	231570	38.563	ng	94
3) Pyridine	3.699	79	675114	40.199	ng	96
4) n-Nitrosodimethylamine	3.611	42	298115	38.458	ng	81
6) Aniline	7.146	93	1005151	42.624	ng	99
8) 2-Chlorophenol	7.381	128	746483	41.304	ng	98
9) Benzaldehyde	6.957	77	408374	37.286	ng	95
10) Phenol	7.028	94	883039	41.664	ng	92
11) bis(2-Chloroethyl)ether	7.246	93	681508	40.117	ng	99
12) 1,3-Dichlorobenzene	7.704	146	775479	40.224	ng	97
13) 1,4-Dichlorobenzene	7.851	146	787319	39.890	ng	100
14) 1,2-Dichlorobenzene	8.163	146	785082	40.754	ng	100
15) Benzyl Alcohol	8.063	79	605396	41.421	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1142909	38.737	ng	99
17) 2-Methylphenol	8.275	107	616683	42.401	ng	95
18) Hexachloroethane	8.887	117	279071	39.425	ng	96
19) n-Nitroso-di-n-propyla...	8.628	70	576554	42.042	ng	96
20) 3+4-Methylphenols	8.604	107	867772	42.563	ng	95
22) Acetophenone	8.646	105	1159228	39.724	ng	# 96
24) Nitrobenzene	9.022	77	782783	38.559	ng	95
25) Isophorone	9.551	82	1445710	40.095	ng	98
26) 2-Nitrophenol	9.734	139	430214	41.409	ng	91
27) 2,4-Dimethylphenol	9.804	122	610259	40.084	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	982884	39.177	ng	99
29) 2,4-Dichlorophenol	10.275	162	707943	41.728	ng	97
30) 1,2,4-Trichlorobenzene	10.481	180	753279	39.939	ng	99
31) Naphthalene	10.663	128	2435301	40.353	ng	100
32) Benzoic acid	10.004	122	550234	39.613	ng	93
33) 4-Chloroaniline	10.781	127	1053679	42.912	ng	97
34) Hexachlorobutadiene	10.951	225	425924	40.127	ng	99
35) Caprolactam	11.592	113	267945	46.594	ng	93
36) 4-Chloro-3-methylphenol	11.922	107	820328	42.650	ng	97
37) 2-Methylnaphthalene	12.281	142	1717904	41.335	ng	97
38) 1-Methylnaphthalene	12.498	142	1671640	41.152	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	821191	38.424	ng	99
41) Hexachlorocyclopentadiene	12.628	237	273411	36.185	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	586490	40.007	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	626927	39.642	ng	99
46) 1,1'-Biphenyl	13.292	154	2266787	38.382	ng	98
47) 2-Chloronaphthalene	13.333	162	1727915	38.903	ng	98
48) 2-Nitroaniline	13.551	65	570231	42.411	ng	95
49) Acenaphthylene	14.180	152	2781351	39.978	ng	100
50) Dimethylphthalate	13.928	163	2264482	40.581	ng	99
51) 2,6-Dinitrotoluene	14.045	165	487165	41.705	ng	91
52) Acenaphthene	14.522	154	1660983	40.986	ng	99
53) 3-Nitroaniline	14.380	138	557160	44.444	ng	94
54) 2,4-Dinitrophenol	14.598	184	283522	42.055	ng	89
55) Dibenzofuran	14.857	168	2670958	41.137	ng	98
56) 4-Nitrophenol	14.710	139	398423	43.070	ng	88
57) 2,4-Dinitrotoluene	14.839	165	679352	45.797	ng	97
58) Fluorene	15.510	166	2144414	42.277	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	549893	43.722	ng	97
60) Diethylphthalate	15.286	149	2356342	43.148	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1025416	41.778	ng	99
62) 4-Nitroaniline	15.545	138	594765	49.022	ng	90
63) Azobenzene	15.798	77	2170788	41.968	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	433856	43.671	ng	99
66) n-Nitrosodiphenylamine	15.722	169	1918914	40.839	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	642212	39.446	ng	94
68) Hexachlorobenzene	16.516	284	695746	39.088	ng	97
69) Atrazine	16.674	200	609333	42.718	ng	98
70) Pentachlorophenol	16.869	266	406868	43.411	ng	100
71) Phenanthrene	17.245	178	3428640	40.943	ng	100
72) Anthracene	17.339	178	3404580	41.667	ng	100
73) Carbazole	17.616	167	3463392	43.715	ng	98
74) Di-n-butylphthalate	18.180	149	4188754	44.204	ng	99
75) Fluoranthene	19.268	202	3910468	44.968	ng	98
77) Benzidine	19.457	184	1690591	58.243	ng	100
78) Pyrene	19.627	202	4059321	36.626	ng	99
80) Butylbenzylphthalate	20.533	149	1996239	40.661	ng	95
81) Benzo(a)anthracene	21.380	228	3948044	40.135	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	981403	43.336	ng	99
83) Chrysene	21.433	228	3795106	39.942	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2917370	41.433	ng	100
85) Di-n-octyl phthalate	22.215	149	5125570	44.805	ng	100
87) Indeno(1,2,3-cd)pyrene	26.162	276	4220942	37.783	ng #	94
88) Benzo(b)fluoranthene	23.027	252	3877081	40.703	ng #	97
89) Benzo(k)fluoranthene	23.074	252	3822335	39.638	ng #	97
90) Benzo(a)pyrene	23.633	252	3239198	40.307	ng #	97
91) Dibenzo(a,h)anthracene	26.174	278	3497781	37.847	ng #	96
92) Benzo(g,h,i)perylene	26.903	276	3422840	37.234	ng	96

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

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