

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
 Data File : BP008887.D
 Acq On : 24 Jan 2022 15:21
 Operator : CG/JU
 Sample : N1188-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11940MS

Quant Time: Jan 25 04:10:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	267800	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	959280	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	576640	20.000	ng	-0.01
64) Phenanthrene-d10	17.240	188	1101396	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1187429	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1334197	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2024913	116.929	ng	0.00
7) Phenol-d6	7.028	99	2291223	109.260	ng	0.00
23) Nitrobenzene-d5	9.011	82	1602383	94.835	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	1140107	135.831	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	4012146	91.755	ng	-0.01
79) Terphenyl-d14	19.804	244	5832620	82.911	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	260090	37.106	ng	# 45
3) Pyridine	3.758	79	386388	26.320	ng	96
4) n-Nitrosodimethylamine	3.658	42	308026	44.722	ng	86
6) Aniline	7.175	93	191964	7.334	ng	97
8) 2-Chlorophenol	7.416	128	845416	45.838	ng	99
9) Benzaldehyde	6.987	77	74785	5.336	ng	97
10) Phenol	7.052	94	887103	41.494	ng	96
11) bis(2-Chloroethyl)ether	7.269	93	794624	46.715	ng	97
12) 1,3-Dichlorobenzene	7.734	146	950932	43.295	ng	98
13) 1,4-Dichlorobenzene	7.881	146	972003	43.665	ng	99
14) 1,2-Dichlorobenzene	8.199	146	932990	43.956	ng	99
15) Benzyl Alcohol	8.093	79	680653	46.266	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	874992	45.998	ng	99
17) 2-Methylphenol	8.299	107	644777	45.018	ng	98
18) Hexachloroethane	8.928	117	330561	43.752	ng	99
19) n-Nitroso-di-n-propyla...	8.658	70	566070	46.178	ng	96
20) 3+4-Methylphenols	8.634	107	854298	44.931	ng	98
22) Acetophenone	8.669	105	1212061	49.600	ng	# 97
24) Nitrobenzene	9.052	77	846093	49.574	ng	97
25) Isophorone	9.581	82	1510682	49.473	ng	98
26) 2-Nitrophenol	9.763	139	453102	50.498	ng	97
27) 2,4-Dimethylphenol	9.834	122	737023	48.176	ng	98
28) bis(2-Chloroethoxy)met...	10.058	93	970087	48.685	ng	99
29) 2,4-Dichlorophenol	10.305	162	818415	49.023	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	934558	47.790	ng	100
31) Naphthalene	10.699	128	2492128	47.832	ng	100
32) Benzoic acid	10.005	122	494368	56.308	ng	97
33) 4-Chloroaniline	10.822	127	123587	5.821	ng	97
34) Hexachlorobutadiene	10.987	225	585284	47.903	ng	98
35) Caprolactam	11.610	113	197540	42.923	ng	92
36) 4-Chloro-3-methylphenol	11.952	107	736204	48.881	ng	99
37) 2-Methylnaphthalene	12.310	142	1836331	48.212	ng	99
38) 1-Methylnaphthalene	12.528	142	1678075	47.999	ng	100
40) 1,2,4,5-Tetrachloroben...	12.681	216	1047111	49.804	ng	99
41) Hexachlorocyclopentadiene	12.663	237	800333	74.393	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	659327	50.719	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	712646	50.935	ng	97
46) 1,1'-Biphenyl	13.322	154	2349366	50.077	ng	99
47) 2-Chloronaphthalene	13.363	162	1775835	49.090	ng	99
48) 2-Nitroaniline	13.569	65	430466	53.593	ng	97
49) Acenaphthylene	14.210	152	2702457	49.446	ng	100
50) Dimethylphthalate	13.946	163	2135712	49.869	ng	100
51) 2,6-Dinitrotoluene	14.063	165	468503	51.581	ng	92
52) Acenaphthene	14.551	154	1633738	50.400	ng	99
53) 3-Nitroaniline	14.393	138	242929	27.195	ng	97
54) 2,4-Dinitrophenol	14.610	184	298460	81.250	ng	93
55) Dibenzofuran	14.887	168	2639136	49.964	ng	99
56) 4-Nitrophenol	14.722	139	700512	108.903	ng	91
57) 2,4-Dinitrotoluene	14.857	165	624919	53.490	ng	91
58) Fluorene	15.540	166	2120150	50.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	591255	51.302	ng	# 87
60) Diethylphthalate	15.310	149	2087240	51.365	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	1137037	50.030	ng	99
62) 4-Nitroaniline	15.557	138	430123	49.718	ng	91
63) Azobenzene	15.828	77	1741461	51.619	ng	96
65) 4,6-Dinitro-2-methylph...	15.628	198	193400	35.146	ng	95
66) n-Nitrosodiphenylamine	15.745	169	1805403	50.931	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	701421	51.001	ng	98
68) Hexachlorobenzene	16.551	284	779918	49.488	ng	96
69) Atrazine	16.710	200	586798	44.546	ng	98
70) Pentachlorophenol	16.898	266	993225	118.316	ng	100
71) Phenanthrene	17.287	178	3193674	51.501	ng	99
72) Anthracene	17.375	178	3251473	52.267	ng	99
73) Carbazole	17.645	167	2878296	53.810	ng	99
74) Di-n-butylphthalate	18.204	149	3522857	54.727	ng	99
75) Fluoranthene	19.257	202	3767864	54.638	ng	96
77) Benzidine	19.433	184	817115	19.479	ng	98
78) Pyrene	19.604	202	3856588	46.547	ng	99
80) Butylbenzylphthalate	20.480	149	1581413	47.458	ng	100
81) Benzo(a)anthracene	21.322	228	4067267	50.914	ng	98
82) 3,3'-Dichlorobenzidine	21.251	252	1145282	33.185	ng	98
83) Chrysene	21.375	228	3927945	50.723	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	2366067	45.851	ng	97
85) Di-n-octyl phthalate	22.175	149	4186148	47.954	ng	100
87) Indeno(1,2,3-cd)pyrene	26.292	276	5673792	51.608	ng	98
88) Benzo(b)fluoranthene	23.016	252	4543775	50.996	ng	99
89) Benzo(k)fluoranthene	23.063	252	4433957	51.409	ng	98
90) Benzo(a)pyrene	23.651	252	4433453	51.550	ng	99
91) Dibenzo(a,h)anthracene	26.298	278	4795164	51.294	ng	99
92) Benzo(g,h,i)perylene	27.063	276	4657912	51.032	ng	98

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

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