

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060777.D
 Acq On : 4 Apr 2024 14:10
 Operator : MA/JU
 Sample : P1952-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 05 00:57:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	59783	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	240016	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	180621	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	417364	20.000	ng	0.00
76) Chrysene-d12	21.604	240	417031	20.000	ng	0.00
86) Perylene-d12	24.747	264	500647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	373995	104.216	ng	0.00
7) Phenol-d6	7.121	99	509642	95.673	ng	0.00
23) Nitrobenzene-d5	9.113	82	318313	75.676	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	256172	124.941	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	568464	46.190	ng	0.00
79) Terphenyl-d14	19.959	244	1242037	52.443	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.461	88	68181	46.340	ng	100
3) Pyridine	3.843	79	178975	40.327	ng	92
4) n-Nitrosodimethylamine	3.760	42	139059	52.419	ng	94
6) Aniline	7.280	93	134694	20.023	ng	99
8) 2-Chlorophenol	7.521	128	193792	47.633	ng	97
9) Benzaldehyde	7.092	77	23014m	7.835	ng	
10) Phenol	7.145	94	258404	47.532	ng	99
11) bis(2-Chloroethyl)ether	7.380	93	176909	40.305	ng	95
12) 1,3-Dichlorobenzene	7.844	146	200702	47.437	ng	97
13) 1,4-Dichlorobenzene	7.991	146	203478	47.140	ng	99
14) 1,2-Dichlorobenzene	8.308	146	195796	46.287	ng	97
15) Benzyl Alcohol	8.190	79	186040	43.115	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	424958	42.901	ng	98
17) 2-Methylphenol	8.396	107	168043	40.945	ng	98
18) Hexachloroethane	9.036	117	73745	48.104	ng	93
19) n-Nitroso-di-n-propyla...	8.760	70	154558	38.047	ng	95
20) 3+4-Methylphenols	8.719	107	229992	40.924	ng	95
22) Acetophenone	8.772	105	301875	45.613	ng	97
24) Nitrobenzene	9.154	77	228774	48.812	ng	99
25) Isophorone	9.677	82	407581	42.070	ng	99
26) 2-Nitrophenol	9.865	139	98330	57.603	ng	92
27) 2,4-Dimethylphenol	9.924	122	144797	37.206	ng	98
28) bis(2-Chloroethoxy)met...	10.165	93	243840	42.631	ng	98
29) 2,4-Dichlorophenol	10.400	162	187749	52.536	ng	96
30) 1,2,4-Trichlorobenzene	10.617	180	200071	49.441	ng	99
31) Naphthalene	10.805	128	580056	44.677	ng	99
32) Benzoic acid	10.059	122	148749	56.102	ng	95
33) 4-Chloroaniline	10.905	127	79962	13.260	ng	98
34) Hexachlorobutadiene	11.099	225	136269	50.527	ng	97
35) Caprolactam	11.675	113	65320m	46.149	ng	
36) 4-Chloro-3-methylphenol	12.033	107	222316	48.697	ng	99
37) 2-Methylnaphthalene	12.415	142	401952	42.110	ng	98
38) 1-Methylnaphthalene	12.632	142	379939	42.134	ng	99
40) 1,2,4,5-Tetrachloroben...	12.779	216	252438	48.614	ng	99
41) Hexachlorocyclopentadiene	12.762	237	279784	105.965	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	179743	53.757	ng	96

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44) 2,4,5-Trichlorophenol	13.091	196	196363	49.211	ng	96
46) 1,1'-Biphenyl	13.420	154	575585	45.116	ng	98
47) 2-Chloronaphthalene	13.461	162	452466	46.679	ng	98
48) 2-Nitroaniline	13.655	65	170757	53.317	ng	99
49) Acenaphthylene	14.307	152	771962	47.398	ng	99
50) Dimethylphthalate	14.048	163	613044	42.941	ng	99
51) 2,6-Dinitrotoluene	14.154	165	126871	49.515	ng	96
52) Acenaphthene	14.653	154	525976m	51.436	ng	
53) 3-Nitroaniline	14.477	138	68357	25.781	ng	98
54) 2,4-Dinitrophenol	14.689	184	163028	164.058	ng	87
55) Dibenzofuran	14.988	168	721852	44.753	ng	100
56) 4-Nitrophenol	14.794	139	245588	117.672	ng	95
57) 2,4-Dinitrotoluene	14.941	165	186679	55.215	ng	99
58) Fluorene	15.640	166	579093	44.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.212	232	182782	52.563	ng	# 99
60) Diethylphthalate	15.417	149	615148	42.828	ng	99
61) 4-Chlorophenyl-phenyle...	15.635	204	303081	44.254	ng	95
62) 4-Nitroaniline	15.646	138	138538	53.076	ng	96
63) Azobenzene	15.928	77	601116	42.949	ng	96
65) 4,6-Dinitro-2-methylph...	15.711	198	111155	62.112	ng	93
66) n-Nitrosodiphenylamine	15.846	169	547998	45.947	ng	99
67) 4-Bromophenyl-phenylether	16.528	248	208523	49.230	ng	98
68) Hexachlorobenzene	16.645	284	234419	49.026	ng	95
69) Atrazine	16.804	200	208750	50.051	ng	98
70) Pentachlorophenol	16.986	266	336956	108.000	ng	97
71) Phenanthrene	17.380	178	993453	45.768	ng	100
72) Anthracene	17.468	178	1014264	46.011	ng	99
73) Carbazole	17.732	167	919406	47.304	ng	100
74) Di-n-butylphthalate	18.314	149	1082382	44.669	ng	100
75) Fluoranthene	19.389	202	1253881	47.605	ng	98
77) Benzidine	19.571	184	543486	49.492	ng	98
78) Pyrene	19.753	202	1308224	44.854	ng	99
80) Butylbenzylphthalate	20.658	149	524248	49.274	ng	98
81) Benzo(a)anthracene	21.581	228	1386875	47.179	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	265880	26.787	ng	97
83) Chrysene	21.645	228	1310207	46.242	ng	98
84) Bis(2-ethylhexyl)phtha...	21.528	149	779618	45.974	ng	96
85) Di-n-octyl phthalate	22.726	149	1373003	49.699	ng	100
87) Indeno(1,2,3-cd)pyrene	28.326	276	1711620	48.549	ng	99
88) Benzo(b)fluoranthene	23.755	252	1396259	48.545	ng	98
89) Benzo(k)fluoranthene	23.825	252	1351867	45.921	ng	99
90) Benzo(a)pyrene	24.606	252	1294225	46.303	ng	98
91) Dibenzo(a,h)anthracene	28.396	278	1391153	46.809	ng	98
92) Benzo(g,h,i)perylene	29.436	276	1315815	45.514	ng	99

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

