

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057885.D
 Acq On : 28 Jun 2023 9:39
 Operator : CG/JU
 Sample : PB153813BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 11:37:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	38062	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	170376	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	132379	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	361270	20.000	ng	0.00
76) Chrysene-d12	21.555	240	312856	20.000	ng	0.00
86) Perylene-d12	24.704	264	376115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	335227	134.753	ng	0.00
7) Phenol-d6	7.089	99	485577	130.531	ng	0.00
23) Nitrobenzene-d5	9.087	82	271956	78.227	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	264978	119.175	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	650501	74.989	ng	0.00
79) Terphenyl-d14	19.916	244	1392191	81.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	45838	40.200	ng	97
3) Pyridine	3.781	79	106417	32.341	ng	95
4) n-Nitrosodimethylamine	3.699	42	56948	41.989	ng	# 94
6) Aniline	7.248	93	115686	24.894	ng	99
8) 2-Chlorophenol	7.489	128	125867	50.400	ng	99
10) Phenol	7.113	94	179918	49.771	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	115697	42.452	ng	98
12) 1,3-Dichlorobenzene	7.812	146	115092	44.805	ng	97
13) 1,4-Dichlorobenzene	7.959	146	119818	46.439	ng	97
14) 1,2-Dichlorobenzene	8.276	146	115091	46.093	ng	98
15) Benzyl Alcohol	8.159	79	124184	45.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.447	45	188476m	41.532	ng	
17) 2-Methylphenol	8.364	107	122400	45.672	ng	97
18) Hexachloroethane	9.005	117	41173	45.795	ng	96
19) n-Nitroso-di-n-propyla...	8.729	70	101594	40.814	ng	96
20) 3+4-Methylphenols	8.693	107	172108	46.094	ng	99
22) Acetophenone	8.746	105	201391	42.472	ng	98
24) Nitrobenzene	9.128	77	146173	41.889	ng	96
25) Isophorone	9.645	82	298823	39.810	ng	100
26) 2-Nitrophenol	9.839	139	65274	45.906	ng	98
27) 2,4-Dimethylphenol	9.898	122	131635	48.016	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	169845	42.106	ng	99
29) 2,4-Dichlorophenol	10.374	162	128733	47.881	ng	97
30) 1,2,4-Trichlorobenzene	10.585	180	124976	43.177	ng	99
31) Naphthalene	10.779	128	379519	41.730	ng	100
32) Benzoic acid	10.033	122	109919	51.262	ng	93
33) 4-Chloroaniline	10.885	127	81446	19.034	ng	98
34) Hexachlorobutadiene	11.061	225	74558	41.763	ng	99
35) Caprolactam	11.660	113	54131m	46.457	ng	
36) 4-Chloro-3-methylphenol	12.007	107	165569	46.385	ng	97
37) 2-Methylnaphthalene	12.383	142	269626	40.218	ng	99
38) 1-Methylnaphthalene	12.606	142	257840	40.702	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	149482	40.361	ng	99
41) Hexachlorocyclopentadiene	12.730	237	186511	93.679	ng	96
43) 2,4,6-Trichlorophenol	12.988	196	120426	44.112	ng	97
44) 2,4,5-Trichlorophenol	13.065	196	137102	42.195	ng	97

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46) 1,1'-Biphenyl	13.394	154	371376	41.187	ng	100
47) 2-Chloronaphthalene	13.435	162	289463	41.802	ng	99
48) 2-Nitroaniline	13.640	65	121261	43.950	ng	96
49) Acenaphthylene	14.281	152	499410	41.125	ng	100
50) Dimethylphthalate	14.017	163	426920	40.689	ng	99
51) 2,6-Dinitrotoluene	14.134	165	94630	43.438	ng	98
52) Acenaphthene	14.622	154	289059	40.746	ng	98
53) 3-Nitroaniline	14.463	138	68420	27.627	ng	99
54) 2,4-Dinitrophenol	14.669	184	118839	98.741	ng	96
55) Dibenzofuran	14.957	168	494248	40.618	ng	98
56) 4-Nitrophenol	14.774	139	190642	93.892	ng	99
57) 2,4-Dinitrotoluene	14.921	165	141596	44.794	ng	95
58) Fluorene	15.603	166	403411	41.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	131815	44.751	ng	100
60) Diethylphthalate	15.380	149	455815	41.213	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	212399	40.321	ng	99
62) 4-Nitroaniline	15.626	138	106707	41.076	ng	99
63) Azobenzene	15.891	77	430240	40.679	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	88663	45.606	ng	99
66) n-Nitrosodiphenylamine	15.814	169	376773	40.866	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	151872	39.824	ng	95
68) Hexachlorobenzene	16.608	284	169703	42.141	ng	99
69) Atrazine	16.760	200	149996	43.807	ng	99
70) Pentachlorophenol	16.948	266	245215	79.623	ng	99
71) Phenanthrene	17.348	178	710920	40.994	ng	100
72) Anthracene	17.436	178	732180	40.936	ng	99
73) Carbazole	17.706	167	714055	41.988	ng	99
74) Di-n-butylphthalate	18.265	149	873359	41.551	ng	100
75) Fluoranthene	19.357	202	887689	40.631	ng	99
77) Benzidine	19.534	184	271824	37.034	ng	100
78) Pyrene	19.716	202	910519	40.759	ng	99
80) Butylbenzylphthalate	20.603	149	376966	41.614	ng	97
81) Benzo(a)anthracene	21.537	228	908026	41.940	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	291881	37.888	ng	100
83) Chrysene	21.602	228	842120	41.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	535232	41.616	ng	99
85) Di-n-octyl phthalate	22.630	149	948457	41.791	ng	98
87) Indeno(1,2,3-cd)pyrene	28.288	276	1129203	45.320	ng	100
88) Benzo(b)fluoranthene	23.705	252	944065	46.021	ng	99
89) Benzo(k)fluoranthene	23.770	252	946492	45.651	ng	99
90) Benzo(a)pyrene	24.557	252	849391	41.799	ng	99
91) Dibenzo(a,h)anthracene	28.359	278	943962	45.672	ng	99
92) Benzo(g,h,i)perylene	29.416	276	929051	45.230	ng	99

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

