

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056272.D
 Acq On : 12 Jan 2023 17:23
 Operator : CG/JU
 Sample : PB150116BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:27:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	47381	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	180852	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	152892	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	395632	20.000	ng	0.00
76) Chrysene-d12	21.961	240	404548	20.000	ng	# 0.00
86) Perylene-d12	25.404	264	391303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	396510	149.420	ng	0.01
7) Phenol-d6	7.454	99	543371	133.334	ng	0.00
23) Nitrobenzene-d5	9.493	82	287588	81.340	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	262073	135.344	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	917459	82.864	ng	0.00
79) Terphenyl-d14	20.239	244	1900989	84.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	41545	34.276	ng	# 93
3) Pyridine	4.064	79	102790	27.844	ng	96
4) n-Nitrosodimethylamine	3.976	42	29366	39.104	ng	# 88
6) Aniline	7.630	93	119928	22.441	ng	95
8) 2-Chlorophenol	7.877	128	128516	48.668	ng	93
9) Benzaldehyde	7.442	77	33739	13.924	ng	91
10) Phenol	7.484	94	185531	44.891	ng	97
11) bis(2-Chloroethyl)ether	7.719	93	115029	41.071	ng	97
12) 1,3-Dichlorobenzene	8.206	146	146801	45.678	ng	96
13) 1,4-Dichlorobenzene	8.353	146	147426	45.681	ng	96
14) 1,2-Dichlorobenzene	8.676	146	143943	46.224	ng	97
15) Benzyl Alcohol	8.553	79	123928	41.783	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.841	45	23192	46.859	ng	# 79
17) 2-Methylphenol	8.747	107	126085	41.576	ng	99
18) Hexachloroethane	9.417	117	45488	46.397	ng	96
19) n-Nitroso-di-n-propyla...	9.123	70	91956	37.107	ng	98
20) 3+4-Methylphenols	9.076	107	173248	40.634	ng	96
22) Acetophenone	9.146	105	204849	40.060	ng	100
24) Nitrobenzene	9.534	77	139020	39.677	ng	97
25) Isophorone	10.057	82	278411	37.426	ng	95
26) 2-Nitrophenol	10.251	139	77490	43.225	ng	97
27) 2,4-Dimethylphenol	10.292	122	142984	43.729	ng	98
28) bis(2-Chloroethoxy)met...	10.533	93	159735	41.314	ng	99
29) 2,4-Dichlorophenol	10.786	162	164395	45.477	ng	97
30) 1,2,4-Trichlorobenzene	11.009	180	177368	43.237	ng	96
31) Naphthalene	11.203	128	396815	41.691	ng	99
32) Benzoic acid	10.427	122	100666	41.493	ng	98
33) 4-Chloroaniline	11.297	127	72152	15.878	ng	98
34) Hexachlorobutadiene	11.479	225	129604	43.927	ng	97
35) Caprolactam	12.066	113	51460m	42.046	ng	
36) 4-Chloro-3-methylphenol	12.395	107	156551	42.679	ng	99
37) 2-Methylnaphthalene	12.783	142	318375	39.615	ng	97
38) 1-Methylnaphthalene	13.001	142	297146	39.816	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	242423	42.305	ng	99
41) Hexachlorocyclopentadiene	13.118	237	305096	93.387	ng	97
43) 2,4,6-Trichlorophenol	13.371	196	164047	43.294	ng	99

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44) 2,4,5-Trichlorophenol	13.447	196	183121	40.854	ng	96
46) 1,1'-Biphenyl	13.770	154	465917	42.551	ng	99
47) 2-Chloronaphthalene	13.817	162	371707	43.008	ng	99
48) 2-Nitroaniline	14.011	65	79202	43.011	ng	98
49) Acenaphthylene	14.658	152	574950	40.880	ng	99
50) Dimethylphthalate	14.370	163	503246	40.774	ng	99
51) 2,6-Dinitrotoluene	14.493	165	110736	42.106	ng	94
52) Acenaphthene	14.992	154	437935m	47.875	ng	
53) 3-Nitroaniline	14.828	138	62564	24.996	ng	# 94
54) 2,4-Dinitrophenol	15.034	184	173101	92.134	ng	# 95
55) Dibenzofuran	15.327	168	620100	40.965	ng	98
56) 4-Nitrophenol	15.122	139	169612	88.111	ng	96
57) 2,4-Dinitrotoluene	15.280	165	156925	42.666	ng	90
58) Fluorene	15.974	166	502505	41.273	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	179555	42.664	ng	97
60) Diethylphthalate	15.721	149	476886	41.201	ng	99
61) 4-Chlorophenyl-phenyle...	15.950	204	316454	41.649	ng	100
62) 4-Nitroaniline	15.985	138	100445	39.177	ng	99
63) Azobenzene	16.244	77	363450	40.690	ng	98
65) 4,6-Dinitro-2-methylph...	16.038	198	116706	43.783	ng	93
66) n-Nitrosodiphenylamine	16.168	169	465108	42.371	ng	97
67) 4-Bromophenyl-phenylether	16.843	248	216343	42.942	ng	98
68) Hexachlorobenzene	16.972	284	213499	45.422	ng	100
69) Atrazine	17.096	200	142623	31.351	ng	97
70) Pentachlorophenol	17.313	266	293471	81.280	ng	96
71) Phenanthrene	17.713	178	880175	42.929	ng	99
72) Anthracene	17.801	178	887482	41.961	ng	99
73) Carbazole	18.065	167	773312	43.498	ng	98
74) Di-n-butylphthalate	18.594	149	778215	43.912	ng	100
75) Fluoranthene	19.699	202	1124206	42.035	ng	99
77) Benzidine	19.863	184	192439	13.574	ng	97
78) Pyrene	20.057	202	1138981	39.944	ng	100
80) Butylbenzylphthalate	20.915	149	334249	40.859	ng	98
81) Benzo(a)anthracene	21.937	228	1138876	40.081	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	344390	33.669	ng	99
83) Chrysene	22.014	228	1067650	40.113	ng	99
84) Bis(2-ethylhexyl)phtha...	21.802	149	484886	41.142	ng	100
85) Di-n-octyl phthalate	23.089	149	823176	41.373	ng	100
87) Indeno(1,2,3-cd)pyrene	29.370	276	1303513	45.805	ng	100
88) Benzo(b)fluoranthene	24.305	252	1211756	48.739	ng	100
89) Benzo(k)fluoranthene	24.376	252	1158240	46.783	ng	98
90) Benzo(a)pyrene	25.245	252	1060415	43.730	ng	99
91) Dibenzo(a,h)anthracene	29.434	278	1123169	47.075	ng	99
92) Benzo(g,h,i)perylene	30.615	276	1055981	45.640	ng	99

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

