

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055976.D
 Acq On : 15 Dec 2022 14:18
 Operator : CG/JU
 Sample : PB149554BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149554BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 04:01:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	7074	20.000	ng	0.00
21) Naphthalene-d8	11.210	136	27618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.982	164	25950	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	71651	20.000	ng	# 0.00
76) Chrysene-d12	22.033	240	74002	20.000	ng	0.00
86) Perylene-d12	25.523	264	84116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.887	112	45119	149.579	ng	0.00
7) Phenol-d6	7.503	99	55717	143.619	ng	0.00
23) Nitrobenzene-d5	9.548	82	35221	89.120	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	86168	137.707	ng	0.00
45) 2-Fluorobiphenyl	13.613	172	142913	77.238	ng	0.00
79) Terphenyl-d14	20.294	244	368747	88.068	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.713	88	2717	30.951	ng	95
3) Pyridine	4.130	79	8206	28.405	ng	94
4) n-Nitrosodimethylamine	4.036	42	9244	35.596	ng	# 97
6) Aniline	7.685	93	12991	27.968	ng	95
8) 2-Chlorophenol	7.932	128	18081	46.462	ng	94
9) Benzaldehyde	7.497	77	1226	5.032	ng	# 89
10) Phenol	7.532	94	18884	44.476	ng	99
11) bis(2-Chloroethyl)ether	7.779	93	11371	41.115	ng	91
12) 1,3-Dichlorobenzene	8.267	146	20180	40.087	ng	95
13) 1,4-Dichlorobenzene	8.408	146	19996	38.867	ng	98
14) 1,2-Dichlorobenzene	8.737	146	19711	40.090	ng	98
15) Benzyl Alcohol	8.602	79	16894	41.909	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.895	45	15430	42.866	ng	95
17) 2-Methylphenol	8.801	107	14933	44.701	ng	96
18) Hexachloroethane	9.471	117	6472	41.443	ng	90
19) n-Nitroso-di-n-propyla...	9.177	70	11508	41.384	ng	# 92
20) 3+4-Methylphenols	9.125	107	20343	42.672	ng	96
22) Acetophenone	9.201	105	26546	38.774	ng	99
24) Nitrobenzene	9.589	77	17729	44.568	ng	96
25) Isophorone	10.112	82	32823	39.607	ng	97
26) 2-Nitrophenol	10.306	139	9799	41.611	ng	# 88
27) 2,4-Dimethylphenol	10.347	122	19041m	48.145	ng	
28) bis(2-Chloroethoxy)met...	10.588	93	16627	45.397	ng	94
29) 2,4-Dichlorophenol	10.840	162	23444	41.764	ng	94
30) 1,2,4-Trichlorobenzene	11.063	180	28036	38.421	ng	95
31) Naphthalene	11.263	128	55083	37.799	ng	98
32) Benzoic acid	10.452	122	13387	40.464	ng	96
33) 4-Chloroaniline	11.351	127	8386	13.424	ng	96
34) Hexachlorobutadiene	11.539	225	24599	35.858	ng	95
35) Caprolactam	12.115	113	6253m	39.981	ng	
36) 4-Chloro-3-methylphenol	12.438	107	22094	41.975	ng	92
37) 2-Methylnaphthalene	12.838	142	47860	37.174	ng	98
38) 1-Methylnaphthalene	13.055	142	45031	35.903	ng	100
40) 1,2,4,5-Tetrachloroben...	13.196	216	43643	39.861	ng	99
41) Hexachlorocyclopentadiene	13.179	237	64289	103.503	ng	97
43) 2,4,6-Trichlorophenol	13.425	196	27180	41.937	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.490	196	30286	41.454	ng	97
46) 1,1'-Biphenyl	13.825	154	70362	40.002	ng	100
47) 2-Chloronaphthalene	13.872	162	55560	38.874	ng	96
48) 2-Nitroaniline	14.060	65	13139	46.715	ng	93
49) Acenaphthylene	14.712	152	87924	38.541	ng	100
50) Dimethylphthalate	14.424	163	84341	37.593	ng	98
51) 2,6-Dinitrotoluene	14.542	165	17250	49.686	ng	91
52) Acenaphthene	15.047	154	67337	43.967	ng	96
53) 3-Nitroaniline	14.871	138	8850	25.061	ng	93
54) 2,4-Dinitrophenol	15.076	184	22707	87.977	ng	# 79
55) Dibenzofuran	15.376	168	99448	38.614	ng	99
56) 4-Nitrophenol	15.159	139	26278	92.859	ng	94
57) 2,4-Dinitrotoluene	15.323	165	24584	46.910	ng	# 90
58) Fluorene	16.022	166	79734	37.873	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.593	232	33819m	40.519	ng	
60) Diethylphthalate	15.776	149	82491	37.618	ng	99
61) 4-Chlorophenyl-phenyle...	16.005	204	56741	39.563	ng	98
62) 4-Nitroaniline	16.028	138	15155	39.407	ng	96
63) Azobenzene	16.299	77	51357	38.479	ng	98
65) 4,6-Dinitro-2-methylph...	16.081	198	14900	43.532	ng	90
66) n-Nitrosodiphenylamine	16.216	169	75240	40.071	ng	98
67) 4-Bromophenyl-phenylether	16.898	248	42562	40.539	ng	93
68) Hexachlorobenzene	17.021	284	51514	39.834	ng	97
69) Atrazine	17.150	200	21347	25.109	ng	97
70) Pentachlorophenol	17.362	266	64843	87.706	ng	96
71) Phenanthrene	17.762	178	146034	38.892	ng	99
72) Anthracene	17.855	178	148329	39.929	ng	99
73) Carbazole	18.114	167	121650	39.706	ng	100
74) Di-n-butylphthalate	18.649	149	134380	37.715	ng	99
75) Fluoranthene	19.747	202	185319	35.245	ng	99
77) Benzidine	19.924	184	23196m	17.849	ng	
78) Pyrene	20.112	202	185906	41.516	ng	98
80) Butylbenzylphthalate	20.975	149	51664	40.716	ng	99
81) Benzo(a)anthracene	22.009	228	204414	39.255	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	47162	25.173	ng	96
83) Chrysene	22.080	228	192740	39.492	ng	99
84) Bis(2-ethylhexyl)phtha...	21.886	149	77200	40.951	ng	96
85) Di-n-octyl phthalate	23.196	149	129849	40.606	ng	100
87) Indeno(1,2,3-cd)pyrene	29.559	276	269690	39.871	ng	# 99
88) Benzo(b)fluoranthene	24.413	252	228815	42.032	ng	99
89) Benzo(k)fluoranthene	24.489	252	223659	41.179	ng	97
90) Benzo(a)pyrene	25.364	252	200505	43.573	ng	100
91) Dibenzo(a,h)anthracene	29.636	278	236211	41.723	ng	# 97
92) Benzo(g,h,i)perylene	30.829	276	220836	40.344	ng	97

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

