

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061149.D
 Acq On : 9 May 2024 12:54
 Operator : MA/JU
 Sample : PB160779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160779BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 05/10/2024

Supervised By :mohammad
 ahmed
 05/13/2024

Quant Time: May 09 13:38:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	21774	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	86858	20.000	ng	-0.03
39) Acenaphthene-d10	14.568	164	71759	20.000	ng	-0.02
64) Phenanthrene-d10	17.312	188	180959	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	181682	20.000	ng	-0.02
86) Perylene-d12	24.698	264	206802	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	160517	149.926	ng	-0.02
7) Phenol-d6	7.118	99	216872	136.930	ng	-0.01
23) Nitrobenzene-d5	9.093	82	151181	86.283	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	184328	128.511	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	432138	89.049	ng	-0.02
79) Terphenyl-d14	19.933	244	971276	88.912	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	12813	29.598	ng	91
3) Pyridine	3.822	79	36901	28.968	ng	92
4) n-Nitrosodimethylamine	3.740	42	43164	35.268	ng	# 93
6) Aniline	7.259	93	51947	33.085	ng	# 93
8) 2-Chlorophenol	7.506	128	63591	48.413	ng	97
10) Phenol	7.142	94	78953	49.019	ng	93
11) bis(2-Chloroethyl)ether	7.353	93	50621	45.494	ng	99
12) 1,3-Dichlorobenzene	7.823	146	65444	42.264	ng	95
13) 1,4-Dichlorobenzene	7.970	146	68369	42.720	ng	95
14) 1,2-Dichlorobenzene	8.288	146	66322	42.954	ng	96
15) Benzyl Alcohol	8.170	79	64246	44.967	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	116267	48.155	ng	99
17) 2-Methylphenol	8.382	107	54660	47.621	ng	98
18) Hexachloroethane	9.016	117	24728	43.302	ng	87
19) n-Nitroso-di-n-propyla...	8.740	70	49169	41.483	ng	# 86
20) 3+4-Methylphenols	8.711	107	74994	45.286	ng	97
22) Acetophenone	8.752	105	99352	45.930	ng	99
24) Nitrobenzene	9.134	77	76151	44.427	ng	99
25) Isophorone	9.657	82	137547	42.468	ng	97
26) 2-Nitrophenol	9.845	139	38491	47.396	ng	94
27) 2,4-Dimethylphenol	9.909	122	48552	51.856	ng	94
28) bis(2-Chloroethoxy)met...	10.138	93	74731	47.013	ng	# 94
29) 2,4-Dichlorophenol	10.385	162	71407	48.675	ng	88
30) 1,2,4-Trichlorobenzene	10.597	180	77652	43.930	ng	96
31) Naphthalene	10.779	128	201404	44.616	ng	99
32) Benzoic acid	10.062	122	30788	28.446	ng	87
33) 4-Chloroaniline	10.890	127	52458	29.138	ng	98
34) Hexachlorobutadiene	11.067	225	66209	43.654	ng	99
35) Caprolactam	11.672	113	22066m	41.768	ng	
36) 4-Chloro-3-methylphenol	12.024	107	80264	45.373	ng	96
37) 2-Methylnaphthalene	12.389	142	145661	43.060	ng	97
38) 1-Methylnaphthalene	12.606	142	134611	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	117212	48.944	ng	97
41) Hexachlorocyclopentadiene	12.735	237	118882	129.675	ng	95
43) 2,4,6-Trichlorophenol	13.000	196	72640	47.246	ng	99
44) 2,4,5-Trichlorophenol	13.076	196	77237	44.387	ng	92

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46) 1,1'-Biphenyl	13.399	154	218480	47.485	ng	99
47) 2-Chloronaphthalene	13.440	162	171725	46.610	ng	97
48) 2-Nitroaniline	13.640	65	63478	46.430	ng	99
49) Acenaphthylene	14.286	152	283327	50.069	ng	98
50) Dimethylphthalate	14.022	163	243933	44.011	ng	99
51) 2,6-Dinitrotoluene	14.140	165	52007	43.868	ng	94
52) Acenaphthene	14.633	154	160425	45.446	ng	96
53) 3-Nitroaniline	14.469	138	35733	32.941	ng	94
54) 2,4-Dinitrophenol	14.686	184	69597	82.737	ng	98
55) Dibenzofuran	14.962	168	273252	45.828	ng	97
56) 4-Nitrophenol	14.798	139	75154	85.728	ng	96
57) 2,4-Dinitrotoluene	14.933	165	77787	44.349	ng	94
58) Fluorene	15.614	166	229862	44.551	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.197	232	82403m	46.003	ng	
60) Diethylphthalate	15.385	149	245748	43.968	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	138851	44.819	ng	98
62) 4-Nitroaniline	15.638	138	49031	41.675	ng	97
63) Azobenzene	15.902	77	205339	47.194	ng	94
65) 4,6-Dinitro-2-methylph...	15.702	198	53177	47.363	ng	97
66) n-Nitrosodiphenylamine	15.826	169	216464	48.238	ng	98
67) 4-Bromophenyl-phenylether	16.502	248	103515	48.559	ng	96
68) Hexachlorobenzene	16.625	284	121021	45.612	ng	99
69) Atrazine	16.778	200	97844	52.870	ng	94
70) Pentachlorophenol	16.972	266	124335	76.278	ng	96
71) Phenanthrene	17.359	178	393988	47.616	ng	99
72) Anthracene	17.447	178	400927	48.560	ng	99
73) Carbazole	17.718	167	347087	47.813	ng	99
74) Di-n-butylphthalate	18.282	149	412091	47.741	ng	99
75) Fluoranthene	19.369	202	532992	47.020	ng	98
77) Benzidine	19.545	184	80812	24.809	ng	97
78) Pyrene	19.733	202	538830	46.649	ng	98
80) Butylbenzylphthalate	20.620	149	174401	47.699	ng	98
81) Benzo(a)anthracene	21.554	228	566029	47.610	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	142389	33.280	ng	99
83) Chrysene	21.619	228	530216	47.602	ng	98
84) Bis(2-ethylhexyl)phtha...	21.466	149	241435	50.568	ng	97
85) Di-n-octyl phthalate	22.653	149	403433	47.893	ng	99
87) Indeno(1,2,3-cd)pyrene	28.252	276	681596	49.733	ng	99
88) Benzo(b)fluoranthene	23.711	252	537458	46.508	ng	99
89) Benzo(k)fluoranthene	23.781	252	545050	49.026	ng	100
90) Benzo(a)pyrene	24.551	252	506938	50.352	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	560837	49.414	ng	# 96
92) Benzo(g,h,i)perylene	29.363	276	525818	46.620	ng	# 96

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

