

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060398.D
 Acq On : 23 Jan 2024 11:07
 Operator : MA/JU
 Sample : PB158566BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158566BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 11:51:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	211185	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	878389	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	694398	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1833412	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1586843	20.000	ng	0.00
86) Perylene-d12	24.745	264	1720960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1869824	145.629	ng	0.00
7) Phenol-d6	7.101	99	2263162	119.035	ng	0.00
23) Nitrobenzene-d5	9.093	82	1443103	77.578	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1475058	144.379	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3811684	76.317	ng	0.00
79) Terphenyl-d14	19.933	244	5786060	96.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	181218	30.898	ng	96
3) Pyridine	3.793	79	492581	29.767	ng	91
4) n-Nitrosodimethylamine	3.717	42	214956	41.506	ng	99
6) Aniline	7.254	93	665700	35.030	ng	99
8) 2-Chlorophenol	7.495	128	648925	50.997	ng	94
10) Phenol	7.124	94	826009	43.332	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	672717	43.308	ng	97
12) 1,3-Dichlorobenzene	7.818	146	672253	42.090	ng	99
13) 1,4-Dichlorobenzene	7.965	146	691403	42.665	ng	97
14) 1,2-Dichlorobenzene	8.282	146	677006	40.628	ng	99
15) Benzyl Alcohol	8.170	79	624349	50.730	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	797384	42.294	ng	99
17) 2-Methylphenol	8.376	107	626943	47.884	ng	99
18) Hexachloroethane	9.010	117	231034	40.662	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	570856	43.382	ng	96
20) 3+4-Methylphenols	8.705	107	874414	49.533	ng	96
22) Acetophenone	8.752	105	1107715	45.877	ng	# 98
24) Nitrobenzene	9.134	77	735574	38.145	ng	98
25) Isophorone	9.651	82	1586016	42.455	ng	99
26) 2-Nitrophenol	9.845	139	360287	50.815	ng	94
27) 2,4-Dimethylphenol	9.903	122	656042	70.024	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	969207	42.462	ng	97
29) 2,4-Dichlorophenol	10.379	162	757502	49.895	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	785712	41.599	ng	97
31) Naphthalene	10.785	128	1964582	42.667	ng	98
32) Benzoic acid	10.050	122	403847	48.639	ng	94
33) 4-Chloroaniline	10.891	127	472006	26.605	ng	99
34) Hexachlorobutadiene	11.067	225	488070	39.667	ng	96
35) Caprolactam	11.666	113	276388m	56.522	ng	
36) 4-Chloro-3-methylphenol	12.019	107	788879	51.148	ng	99
37) 2-Methylnaphthalene	12.389	142	1484980	43.485	ng	97
38) 1-Methylnaphthalene	12.612	142	1407180	41.036	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1006980	40.832	ng	99
41) Hexachlorocyclopentadiene	12.735	237	1125390	137.446	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	721490	45.971	ng	98
44) 2,4,5-Trichlorophenol	13.076	196	810616	46.827	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.399	154	2197286	41.920	ng	98
47) 2-Chloronaphthalene	13.446	162	1800239	40.091	ng	98
48) 2-Nitroaniline	13.646	65	570122	50.982	ng	98
49) Acenaphthylene	14.292	152	2803246	45.334	ng	99
50) Dimethylphthalate	14.022	163	2427354	45.743	ng	99
51) 2,6-Dinitrotoluene	14.146	165	559213	49.387	ng	97
52) Acenaphthene	14.633	154	1682587	43.699	ng	99
53) 3-Nitroaniline	14.475	138	375516	36.396	ng	95
54) 2,4-Dinitrophenol	14.680	184	692543	98.636	ng	98
55) Dibenzofuran	14.968	168	2877714	44.771	ng	97
56) 4-Nitrophenol	14.792	139	919011	120.088	ng	96
57) 2,4-Dinitrotoluene	14.933	165	808570	52.075	ng	93
58) Fluorene	15.614	166	2394461	44.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.191	232	782227	53.214	ng	99
60) Diethylphthalate	15.385	149	2441264	47.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.609	204	1312613	44.765	ng	99
62) 4-Nitroaniline	15.644	138	579208	52.746	ng	96
63) Azobenzene	15.902	77	2285987	44.365	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	535490	52.795	ng	95
66) n-Nitrosodiphenylamine	15.826	169	2222075	45.645	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	901797	44.764	ng	97
68) Hexachlorobenzene	16.619	284	1021195	42.824	ng	98
69) Atrazine	16.772	200	732628	39.911	ng	99
70) Pentachlorophenol	16.966	266	1221621	95.040	ng	93
71) Phenanthrene	17.359	178	3975629	44.862	ng	99
72) Anthracene	17.448	178	3998778	45.196	ng	98
73) Carbazole	17.718	167	3754327	45.010	ng	100
74) Di-n-butylphthalate	18.276	149	3922450	45.703	ng	100
75) Fluoranthene	19.369	202	4476760	42.059	ng	99
77) Benzidine	19.551	184	1225000	35.534	ng	99
78) Pyrene	19.733	202	4602662	45.420	ng	100
80) Butylbenzylphthalate	20.620	149	1871454	53.679	ng	96
81) Benzo(a)anthracene	21.560	228	4495720	45.764	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	1518487	40.362	ng	99
83) Chrysene	21.625	228	4302735	44.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2671825	50.715	ng	96
85) Di-n-octyl phthalate	22.647	149	4419003	51.761	ng	99
87) Indeno(1,2,3-cd)pyrene	28.358	276	5830619	48.727	ng #	94
88) Benzo(b)fluoranthene	23.740	252	4761711	46.836	ng	99
89) Benzo(k)fluoranthene	23.805	252	4794733	47.792	ng	99
90) Benzo(a)pyrene	24.592	252	4332221	47.171	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	4810290	49.224	ng	98
92) Benzo(g,h,i)perylene	29.498	276	4748493	47.411	ng	99

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

