

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011524\
 Data File : BG060331.D
 Acq On : 15 Jan 2024 13:25
 Operator : MA/JU
 Sample : PB158419BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158419BS

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Jan 15 14:04:49 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	7.926	152	198395	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	786649	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	596972	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1740924	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1626254	20.000	ng	0.00
86) Perylene-d12	24.735	264	1711719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1537821	127.492	ng	0.00
7) Phenol-d6	7.097	99	2344336	131.254	ng	0.00
23) Nitrobenzene-d5	9.089	82	1315555	78.969	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1288720	146.726	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	3334711	77.664	ng	0.00
79) Terphenyl-d14	19.929	244	5496904	85.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	148699	26.988	ng	99
3) Pyridine	3.795	79	335190	21.562	ng	93
4) n-Nitrosodimethylamine	3.713	42	148646	30.553	ng	99
6) Aniline	7.256	93	480472	26.913	ng	98
8) 2-Chlorophenol	7.497	128	525824	43.987	ng	92
9) Benzaldehyde	7.068	77	264016m	25.752	ng	
10) Phenol	7.121	94	824617	46.048	ng	99
11) bis(2-Chloroethyl)ether	7.350	93	579924	39.741	ng	94
12) 1,3-Dichlorobenzene	7.820	146	554152	36.932	ng	99
13) 1,4-Dichlorobenzene	7.967	146	597738	39.263	ng	98
14) 1,2-Dichlorobenzene	8.284	146	584395	37.331	ng	99
15) Benzyl Alcohol	8.166	79	547682	47.370	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.454	45	698682m	39.448	ng	
17) 2-Methylphenol	8.372	107	533956	43.411	ng	98
18) Hexachloroethane	9.013	117	195860	36.693	ng	98
19) n-Nitroso-di-n-propyla...	8.731	70	487625	39.446	ng	99
20) 3+4-Methylphenols	8.695	107	730991	44.078	ng	95
22) Acetophenone	8.748	105	917497	42.430	ng	99
24) Nitrobenzene	9.130	77	684929	39.661	ng	98
25) Isophorone	9.653	82	1431493	42.788	ng	99
26) 2-Nitrophenol	9.847	139	293921	46.289	ng	97
27) 2,4-Dimethylphenol	9.900	122	484524	57.748	ng	96
28) bis(2-Chloroethoxy)met...	10.135	93	855836	41.868	ng	99
29) 2,4-Dichlorophenol	10.376	162	633289	46.578	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	665937	39.369	ng	93
31) Naphthalene	10.781	128	1680540	40.755	ng	99
32) Benzoic acid	10.041	122	301927	42.289	ng	92
33) 4-Chloroaniline	10.893	127	367005	23.099	ng	97
34) Hexachlorobutadiene	11.063	225	403549	36.623	ng	95
35) Caprolactam	11.662	113	223785m	51.102	ng	
36) 4-Chloro-3-methylphenol	12.015	107	656810	47.552	ng	98
37) 2-Methylnaphthalene	12.391	142	1201783	39.296	ng	99
38) 1-Methylnaphthalene	12.608	142	1214822	39.558	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	832507	39.266	ng	100
41) Hexachlorocyclopentadiene	12.738	237	830721	118.015	ng	99
43) 2,4,6-Trichlorophenol	12.996	196	594931	44.093	ng	98

01/16/2024

Supervised By :mohammad

Ahmed

01/17/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011524\
 Data File : BG060331.D
 Acq On : 15 Jan 2024 13:25
 Operator : MA/JU
 Sample : PB158419BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158419BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jan 15 14:04:49 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)
44) 2,4,5-Trichlorophenol	13.073	196	665064	44.689	ng	97
46) 1,1'-Biphenyl	13.402	154	1832176	40.659	ng	100
47) 2-Chloronaphthalene	13.443	162	1518312	39.331	ng	99
48) 2-Nitroaniline	13.648	65	468888	48.772	ng	97
49) Acenaphthylene	14.289	152	2561771	48.190	ng	99
50) Dimethylphthalate	14.018	163	2163987	47.436	ng	98
51) 2,6-Dinitrotoluene	14.142	165	467198	47.995	ng	94
52) Acenaphthene	14.630	154	1365546	41.253	ng	98
53) 3-Nitroaniline	14.471	138	316301	35.660	ng	99
54) 2,4-Dinitrophenol	14.677	184	556290	92.724	ng	97
55) Dibenzofuran	14.964	168	2566793	46.451	ng	98
56) 4-Nitrophenol	14.782	139	758754	115.328	ng	99
57) 2,4-Dinitrotoluene	14.929	165	691844	51.829	ng	98
58) Fluorene	15.617	166	2155168	47.097	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.194	232	676621	53.542	ng	99
60) Diethylphthalate	15.382	149	2148417	49.055	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	1146467	45.480	ng	98
62) 4-Nitroaniline	15.640	138	483038	51.167	ng	96
63) Azobenzene	15.899	77	2114835	47.742	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	427050	44.341	ng	97
66) n-Nitrosodiphenylamine	15.822	169	1959760	42.395	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	776826	40.609	ng	97
68) Hexachlorobenzene	16.615	284	894270	39.493	ng	97
69) Atrazine	16.768	200	605924	34.762	ng	99
70) Pentachlorophenol	16.962	266	1121890	91.918	ng	93
71) Phenanthrene	17.356	178	3651895	43.398	ng	100
72) Anthracene	17.450	178	3660109	43.566	ng	99
73) Carbazole	17.720	167	3404646	42.986	ng	100
74) Di-n-butylphthalate	18.272	149	3602499	44.205	ng	99
75) Fluoranthene	19.371	202	4169984	41.258	ng	98
77) Benzidine	19.553	184	1281332	36.267	ng	99
78) Pyrene	19.735	202	4314964	41.549	ng	97
80) Butylbenzylphthalate	20.622	149	1649606	46.169	ng	98
81) Benzo(a)anthracene	21.557	228	4326955	42.978	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	1484221	38.495	ng	100
83) Chrysene	21.621	228	4101421	41.421	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	2430869	45.024	ng	99
85) Di-n-octyl phthalate	22.650	149	4049529	46.284	ng	99
87) Indeno(1,2,3-cd)pyrene	28.343	276	5480342	46.047	ng	98
88) Benzo(b)fluoranthene	23.736	252	4532256	44.820	ng	97
89) Benzo(k)fluoranthene	23.801	252	4480644	44.902	ng	100
90) Benzo(a)pyrene	24.588	252	4121600	45.120	ng	98
91) Dibenzo(a,h)anthracene	28.407	278	4600179	47.328	ng	98
92) Benzo(g,h,i)perylene	29.477	276	4408270	44.251	ng	100

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

