

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061005.D
 Acq On : 23 Apr 2024 12:53
 Operator : MA/JU
 Sample : PB160353BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 23 13:57:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	21419	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	86959	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	72732	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	197980	20.000	ng	0.00
76) Chrysene-d12	21.578	240	198546	20.000	ng	0.00
86) Perylene-d12	24.704	264	232446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	157490	148.729	ng	0.00
7) Phenol-d6	7.113	99	213534	135.911	ng	0.00
23) Nitrobenzene-d5	9.099	82	148928	76.947	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	221227	138.514	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	462925	88.090	ng	0.00
79) Terphenyl-d14	19.939	244	1091982	85.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	11854	32.346	ng	97
3) Pyridine	3.834	79	33832	29.866	ng	94
4) n-Nitrosodimethylamine	3.746	42	39120	38.397	ng	# 99
6) Aniline	7.265	93	47019	24.900	ng	98
8) 2-Chlorophenol	7.512	128	64758	49.082	ng	97
9) Benzaldehyde	7.083	77	2301	2.847	ng	# 68
10) Phenol	7.142	94	73257	46.931	ng	93
11) bis(2-Chloroethyl)ether	7.365	93	46645	41.767	ng	93
12) 1,3-Dichlorobenzene	7.829	146	65479	44.752	ng	98
13) 1,4-Dichlorobenzene	7.976	146	66190	43.919	ng	100
14) 1,2-Dichlorobenzene	8.294	146	66794	45.349	ng	91
15) Benzyl Alcohol	8.176	79	63785	42.999	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	98881	40.673	ng	98
17) 2-Methylphenol	8.388	107	52579	41.716	ng	97
18) Hexachloroethane	9.022	117	24600	45.299	ng	93
19) n-Nitroso-di-n-propyla...	8.746	70	45492	38.853	ng	98
20) 3+4-Methylphenols	8.711	107	72689	41.237	ng	96
22) Acetophenone	8.758	105	96631	39.795	ng	# 99
24) Nitrobenzene	9.140	77	72191	38.816	ng	99
25) Isophorone	9.663	82	129833	40.083	ng	99
26) 2-Nitrophenol	9.851	139	37146	42.497	ng	99
27) 2,4-Dimethylphenol	9.915	122	47653	34.013	ng	95
28) bis(2-Chloroethoxy)met...	10.144	93	70380	41.305	ng	97
29) 2,4-Dichlorophenol	10.385	162	74763	46.236	ng	97
30) 1,2,4-Trichlorobenzene	10.603	180	79758	44.705	ng	95
31) Naphthalene	10.791	128	199723	41.952	ng	97
32) Benzoic acid	10.056	122	47727m	44.709	ng	
33) 4-Chloroaniline	10.891	127	36715	16.977	ng	96
34) Hexachlorobutadiene	11.079	225	67809	43.217	ng	97
35) Caprolactam	11.666	113	22355m	43.404	ng	
36) 4-Chloro-3-methylphenol	12.025	107	82352	43.667	ng	98
37) 2-Methylnaphthalene	12.395	142	151130	40.374	ng	99
38) 1-Methylnaphthalene	12.612	142	138829	39.744	ng	93
40) 1,2,4,5-Tetrachloroben...	12.765	216	121101	46.853	ng	99
41) Hexachlorocyclopentadiene	12.747	237	151633	99.703	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	78995	46.493	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	90770	45.163	ng	99
46) 1,1'-Biphenyl	13.405	154	222928	45.503	ng	97
47) 2-Chloronaphthalene	13.446	162	173865	46.286	ng	96
48) 2-Nitroaniline	13.646	65	64152	42.316	ng	93
49) Acenaphthylene	14.292	152	293038	46.321	ng	100
50) Dimethylphthalate	14.028	163	259872	43.330	ng	100
51) 2,6-Dinitrotoluene	14.146	165	54827	43.811	ng	94
52) Acenaphthene	14.639	154	163208	42.458	ng	97
53) 3-Nitroaniline	14.475	138	34024	27.573	ng #	80
54) 2,4-Dinitrophenol	14.680	184	73834	89.827	ng	93
55) Dibenzofuran	14.974	168	284090	42.798	ng	98
56) 4-Nitrophenol	14.792	139	86224	97.534	ng	97
57) 2,4-Dinitrotoluene	14.933	165	80575	44.705	ng	97
58) Fluorene	15.620	166	243380	43.440	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	93899	46.290	ng	99
60) Diethylphthalate	15.397	149	255215	43.210	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	145941	42.235	ng	99
62) 4-Nitroaniline	15.638	138	58512	43.975	ng	98
63) Azobenzene	15.908	77	207274	43.145	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	58475	47.834	ng	92
66) n-Nitrosodiphenylamine	15.832	169	229930	42.155	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	110071	42.127	ng	99
68) Hexachlorobenzene	16.631	284	133866	46.383	ng	96
69) Atrazine	16.784	200	103331	50.617	ng	97
70) Pentachlorophenol	16.972	266	176331	93.175	ng	97
71) Phenanthrene	17.365	178	435907	43.136	ng	99
72) Anthracene	17.453	178	440509	42.325	ng	99
73) Carbazole	17.724	167	381202	44.101	ng	99
74) Di-n-butylphthalate	18.294	149	445223	42.425	ng	99
75) Fluoranthene	19.375	202	575076	42.880	ng	98
77) Benzidine	19.551	184	135908	36.943	ng	99
78) Pyrene	19.739	202	579112	42.837	ng	99
80) Butylbenzylphthalate	20.632	149	187655	41.646	ng	98
81) Benzo(a)anthracene	21.560	228	602716	43.178	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	160270	31.770	ng	98
83) Chrysene	21.625	228	565629	42.560	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	268676	41.013	ng	97
85) Di-n-octyl phthalate	22.677	149	452803	41.632	ng	98
87) Indeno(1,2,3-cd)pyrene	28.253	276	738137	45.776	ng	99
88) Benzo(b)fluoranthene	23.723	252	596612	45.292	ng	99
89) Benzo(k)fluoranthene	23.787	252	586957	44.140	ng	100
90) Benzo(a)pyrene	24.563	252	557839	43.752	ng	98
91) Dibenzo(a,h)anthracene	28.329	278	606630	46.047	ng	98
92) Benzo(g,h,i)perylene	29.363	276	568118	43.492	ng	98

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

