

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058852.D
 Acq On : 25 Aug 2023 16:16
 Operator : MA/JU
 Sample : PB155022BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155022BSD

Quant Time: Aug 26 09:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	14984	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	68659	20.000	ng	0.00
39) Acenaphthene-d10	14.479	164	54466	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	138207	20.000	ng	0.00
76) Chrysene-d12	21.459	240	115048	20.000	ng	0.00
86) Perylene-d12	24.544	264	141978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	138157	148.378	ng	0.00
7) Phenol-d6	7.006	99	190533	145.850	ng	0.00
23) Nitrobenzene-d5	8.997	82	118977	83.312	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	121850	142.679	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	306716	81.905	ng	0.00
79) Terphenyl-d14	19.838	244	607479	94.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	13969	31.910	ng	94
3) Pyridine	3.680	79	36103	31.209	ng	98
4) n-Nitrosodimethylamine	3.598	42	28052	44.605	ng	# 98
6) Aniline	7.158	93	73951	46.308	ng	99
8) 2-Chlorophenol	7.393	128	51498	54.700	ng	96
9) Benzaldehyde	6.970	77	34058m	46.478	ng	
10) Phenol	7.029	94	68954	54.739	ng	97
11) bis(2-Chloroethyl)ether	7.252	93	45466	46.256	ng	97
12) 1,3-Dichlorobenzene	7.717	146	49323	49.322	ng	98
13) 1,4-Dichlorobenzene	7.864	146	49640	49.088	ng	94
14) 1,2-Dichlorobenzene	8.181	146	49001	50.135	ng	99
15) Benzyl Alcohol	8.069	79	51560	55.202	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.357	45	106712	50.942	ng	97
17) 2-Methylphenol	8.281	107	47552	51.396	ng	97
18) Hexachloroethane	8.909	117	18417	49.986	ng	99
19) n-Nitroso-di-n-propyla...	8.639	70	41659	49.333	ng	97
20) 3+4-Methylphenols	8.610	107	65166	52.389	ng	99
22) Acetophenone	8.657	105	81940	44.088	ng	# 98
24) Nitrobenzene	9.039	77	61271	43.138	ng	96
25) Isophorone	9.556	82	127086	44.749	ng	99
26) 2-Nitrophenol	9.750	139	27475	46.251	ng	96
27) 2,4-Dimethylphenol	9.808	122	51959	51.610	ng	99
28) bis(2-Chloroethoxy)met...	10.037	93	65418	43.487	ng	96
29) 2,4-Dichlorophenol	10.290	162	53770	51.975	ng	98
30) 1,2,4-Trichlorobenzene	10.496	180	56972	45.604	ng	97
31) Naphthalene	10.684	128	159690	44.297	ng	99
32) Benzoic acid	9.967	122	28925m	47.014	ng	
33) 4-Chloroaniline	10.801	127	63470	41.746	ng	96
34) Hexachlorobutadiene	10.960	225	37549	44.534	ng	96
35) Caprolactam	11.577	113	20540m	55.407	ng	
36) 4-Chloro-3-methylphenol	11.929	107	67904	52.781	ng	98
37) 2-Methylnaphthalene	12.294	142	118687	45.839	ng	99
38) 1-Methylnaphthalene	12.511	142	110681	45.032	ng	99
40) 1,2,4,5-Tetrachloroben...	12.664	216	70358	41.902	ng	98
41) Hexachlorocyclopentadiene	12.640	237	62967	93.639	ng	97
43) 2,4,6-Trichlorophenol	12.911	196	52105	48.768	ng	99

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44) 2,4,5-Trichlorophenol	12.993	196	57961	45.302	ng	95
46) 1,1'-Biphenyl	13.310	154	160040	42.654	ng	99
47) 2-Chloronaphthalene	13.351	162	129583	44.318	ng	100
48) 2-Nitroaniline	13.563	65	49619	44.681	ng	96
49) Acenaphthylene	14.197	152	214476	44.231	ng	99
50) Dimethylphthalate	13.933	163	191052	45.303	ng	99
51) 2,6-Dinitrotoluene	14.062	165	41901	47.294	ng	97
52) Acenaphthene	14.538	154	125629	44.335	ng	96
53) 3-Nitroaniline	14.391	138	36879	43.158	ng	94
54) 2,4-Dinitrophenol	14.609	184	48830	97.009	ng	97
55) Dibenzofuran	14.873	168	217138	44.423	ng	100
56) 4-Nitrophenol	14.714	139	62593	100.069	ng	96
57) 2,4-Dinitrotoluene	14.855	165	62306	50.420	ng	92
58) Fluorene	15.525	166	177600	45.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.108	232	55341	53.006	ng	97
60) Diethylphthalate	15.296	149	203004	46.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.513	204	98038	45.470	ng	95
62) 4-Nitroaniline	15.560	138	43437	50.090	ng	94
63) Azobenzene	15.807	77	177466	44.450	ng	97
65) 4,6-Dinitro-2-methylph...	15.619	198	38003	48.646	ng	96
66) n-Nitrosodiphenylamine	15.731	169	162597	45.646	ng	97
67) 4-Bromophenyl-phenylether	16.406	248	68924	45.446	ng	97
68) Hexachlorobenzene	16.530	284	77978	47.773	ng	100
69) Atrazine	16.683	200	70963	56.292	ng	98
70) Pentachlorophenol	16.876	266	74525	87.071	ng	97
71) Phenanthrene	17.264	178	303639	45.764	ng	99
72) Anthracene	17.352	178	303968	45.679	ng	99
73) Carbazole	17.629	167	282911	46.426	ng	98
74) Di-n-butylphthalate	18.175	149	349124	45.416	ng	99
75) Fluoranthene	19.280	202	369948	44.962	ng	96
77) Benzidine	19.462	184	228810	110.972	ng	99
78) Pyrene	19.638	202	372960	46.526	ng	99
80) Butylbenzylphthalate	20.519	149	149997	46.137	ng	98
81) Benzo(a)anthracene	21.442	228	364999	45.577	ng	97
82) 3,3'-Dichlorobenzidine	21.365	252	131412	47.529	ng	100
83) Chrysene	21.506	228	338692	43.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	214149	44.911	ng	100
85) Di-n-octyl phthalate	22.493	149	375276	45.758	ng	99
87) Indeno(1,2,3-cd)pyrene	28.057	276	447122	46.547	ng	# 94
88) Benzo(b)fluoranthene	23.563	252	393157	49.908	ng	99
89) Benzo(k)fluoranthene	23.627	252	375439	46.212	ng	98
90) Benzo(a)pyrene	24.397	252	342530	44.159	ng	97
91) Dibenzo(a,h)anthracene	28.104	278	372076	47.139	ng	99
92) Benzo(g,h,i)perylene	29.156	276	368357	46.676	ng	96

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

Manual Integrations

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