

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058745.D
 Acq On : 16 Aug 2023 12:43
 Operator : MA/JU
 Sample : PB154469BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154469BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 13:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	27770	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	123238	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	91768	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	231752	20.000	ng	0.00
76) Chrysene-d12	21.452	240	194916	20.000	ng	0.00
86) Perylene-d12	24.525	264	249809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	247141	136.026	ng	0.00
7) Phenol-d6	6.986	99	340929	134.854	ng	0.00
23) Nitrobenzene-d5	8.978	82	209011	83.316	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	182772	121.512	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	498207	81.358	ng	0.00
79) Terphenyl-d14	19.824	244	932719	89.988	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	29114	33.069	ng	# 87
3) Pyridine	3.661	79	73325	30.548	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	48831	48.014	ng	86
6) Aniline	7.133	93	93230	29.952	ng	96
8) 2-Chlorophenol	7.374	128	91750	51.476	ng	97
9) Benzaldehyde	6.945	77	39585	28.820	ng	93
10) Phenol	7.010	94	124290	50.328	ng	97
11) bis(2-Chloroethyl)ether	7.233	93	84741	43.525	ng	91
12) 1,3-Dichlorobenzene	7.697	146	85524	44.935	ng	98
13) 1,4-Dichlorobenzene	7.844	146	89922	47.054	ng	97
14) 1,2-Dichlorobenzene	8.162	146	85035	46.541	ng	99
15) Benzyl Alcohol	8.050	79	92359	57.606	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.338	45	180023	56.922	ng	94
17) 2-Methylphenol	8.261	107	85112	47.135	ng	96
18) Hexachloroethane	8.890	117	32618	46.959	ng	96
19) n-Nitroso-di-n-propyla...	8.614	70	74061	45.353	ng	94
20) 3+4-Methylphenols	8.590	107	117294	48.022	ng	96
22) Acetophenone	8.632	105	146873	44.509	ng	# 93
24) Nitrobenzene	9.019	77	109815	43.059	ng	98
25) Isophorone	9.536	82	215589	41.593	ng	98
26) 2-Nitrophenol	9.730	139	49799	44.857	ng	95
27) 2,4-Dimethylphenol	9.789	122	83831	45.524	ng	95
28) bis(2-Chloroethoxy)met...	10.018	93	119984	42.536	ng	99
29) 2,4-Dichlorophenol	10.265	162	92554	48.407	ng	100
30) 1,2,4-Trichlorobenzene	10.476	180	97874	44.387	ng	100
31) Naphthalene	10.659	128	276789	42.613	ng	99
32) Benzoic acid	9.959	122	50085	36.803	ng	92
33) 4-Chloroaniline	10.776	127	61791	22.516	ng	99
34) Hexachlorobutadiene	10.941	225	64039	45.098	ng	98
35) Caprolactam	11.563	113	33168m	46.977	ng	
36) 4-Chloro-3-methylphenol	11.910	107	114611	48.457	ng	98
37) 2-Methylnaphthalene	12.274	142	196469	42.286	ng	95
38) 1-Methylnaphthalene	12.498	142	190943	43.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.650	216	118384	42.019	ng	99
41) Hexachlorocyclopentadiene	12.621	237	101763	77.956	ng	100
43) 2,4,6-Trichlorophenol	12.891	196	84850	43.786	ng	96

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44) 2,4,5-Trichlorophenol	12.974	196	93959	41.166	ng	96
46) 1,1'-Biphenyl	13.291	154	272125	43.179	ng	98
47) 2-Chloronaphthalene	13.332	162	216454	44.050	ng	99
48) 2-Nitroaniline	13.543	65	86187	45.952	ng	96
49) Acenaphthylene	14.184	152	364259	44.277	ng	99
50) Dimethylphthalate	13.919	163	304672	44.207	ng	98
51) 2,6-Dinitrotoluene	14.043	165	69668	46.070	ng	98
52) Acenaphthene	14.525	154	202462	42.591	ng	100
53) 3-Nitroaniline	14.378	138	41552	27.464	ng	92
54) 2,4-Dinitrophenol	14.589	184	75220	87.467	ng	94
55) Dibenzofuran	14.860	168	352779	43.189	ng	97
56) 4-Nitrophenol	14.695	139	101215	89.854	ng	86
57) 2,4-Dinitrotoluene	14.836	165	100272	47.828	ng	96
58) Fluorene	15.506	166	290197	44.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	88468	45.423	ng	98
60) Diethylphthalate	15.277	149	320807	45.691	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	159133	43.988	ng	97
62) 4-Nitroaniline	15.541	138	69170	48.261	ng	95
63) Azobenzene	15.794	77	296086	42.814	ng	96
65) 4,6-Dinitro-2-methylph...	15.600	198	58497	45.777	ng	94
66) n-Nitrosodiphenylamine	15.717	169	261655	43.379	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	111694	42.492	ng	98
68) Hexachlorobenzene	16.511	284	123593	44.372	ng	97
69) Atrazine	16.669	200	109013	53.537	ng	98
70) Pentachlorophenol	16.863	266	118186	70.102	ng	98
71) Phenanthrene	17.251	178	486585	44.272	ng	99
72) Anthracene	17.339	178	490573	43.501	ng	99
73) Carbazole	17.615	167	456109	45.865	ng	100
74) Di-n-butylphthalate	18.162	149	565666	45.412	ng	99
75) Fluoranthene	19.266	202	582312	44.107	ng	98
77) Benzidine	19.448	184	176926	59.859	ng	99
78) Pyrene	19.625	202	600511	45.270	ng	98
80) Butylbenzylphthalate	20.512	149	248972	45.693	ng	96
81) Benzo(a)anthracene	21.434	228	600331	44.754	ng	98
82) 3,3'-Dichlorobenzidine	21.352	252	167165	36.858	ng	98
83) Chrysene	21.493	228	555631	43.202	ng	98
84) Bis(2-ethylhexyl)phtha...	21.334	149	363279	45.624	ng	99
85) Di-n-octyl phthalate	22.480	149	638946	45.642	ng	97
87) Indeno(1,2,3-cd)pyrene	28.026	276	746046	44.891	ng	98
88) Benzo(b)fluoranthene	23.549	252	630295	46.519	ng	99
89) Benzo(k)fluoranthene	23.614	252	613924	45.104	ng	99
90) Benzo(a)pyrene	24.378	252	566865	42.602	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	618703	45.024	ng	98
92) Benzo(g,h,i)perylene	29.119	276	594956	43.177	ng	99

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

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