

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
 Data File : BG052668.D
 Acq On : 15 Mar 2022 16:17
 Operator : CG/JU
 Sample : PB143358BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143358BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 15 19:04:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	32244	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	139411	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	103023	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	253321	20.000	ng	0.00
76) Chrysene-d12	21.812	240	275892	20.000	ng	0.00
86) Perylene-d12	25.137	264	293442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	274061	148.021	ng	0.00
7) Phenol-d6	7.303	99	379274	135.876	ng	0.00
23) Nitrobenzene-d5	9.318	82	248765	89.560	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	180290	130.234	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	588735	84.282	ng	0.00
79) Terphenyl-d14	20.121	244	1292151	83.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.596	88	33391	36.053	ng	95
3) Pyridine	3.995	79	86728	36.530	ng	# 90
4) n-Nitrosodimethylamine	3.901	42	47554	45.151	ng	87
6) Aniline	7.473	93	123647	37.779	ng	93
8) 2-Chlorophenol	7.714	128	101063	51.948	ng	96
9) Benzaldehyde	7.285	77	68463	46.267	ng	98
10) Phenol	7.332	94	134441	48.792	ng	92
11) bis(2-Chloroethyl)ether	7.567	93	95450	45.871	ng	95
12) 1,3-Dichlorobenzene	8.049	146	108038	46.123	ng	96
13) 1,4-Dichlorobenzene	8.190	146	107471	45.664	ng	98
14) 1,2-Dichlorobenzene	8.513	146	103961	46.707	ng	97
15) Benzyl Alcohol	8.384	79	111746	47.546	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.677	45	165185	45.585	ng	96
17) 2-Methylphenol	8.589	107	90398	49.213	ng	98
18) Hexachloroethane	9.247	117	40425	46.816	ng	91
19) n-Nitroso-di-n-propyla...	8.965	70	89179	45.109	ng	# 96
20) 3+4-Methylphenols	8.912	107	123770	48.147	ng	96
22) Acetophenone	8.977	105	153048	42.422	ng	# 94
24) Nitrobenzene	9.359	77	132283	47.597	ng	# 89
25) Isophorone	9.887	82	245298	45.608	ng	# 98
26) 2-Nitrophenol	10.075	139	46070	47.734	ng	93
27) 2,4-Dimethylphenol	10.128	122	101807	51.561	ng	94
28) bis(2-Chloroethoxy)met...	10.363	93	135775	42.694	ng	99
29) 2,4-Dichlorophenol	10.610	162	106088	47.749	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	112936	43.089	ng	98
31) Naphthalene	11.021	128	309977	42.998	ng	99
32) Benzoic acid	10.246	122	58475	40.840	ng	# 89
33) 4-Chloroaniline	11.115	127	52737	17.260	ng	96
34) Hexachlorobutadiene	11.315	225	81200	43.210	ng	97
35) Caprolactam	11.885	113	30379m	50.075	ng	
36) 4-Chloro-3-methylphenol	12.225	107	118627	45.979	ng	98
37) 2-Methylnaphthalene	12.619	142	231473	43.843	ng	98
38) 1-Methylnaphthalene	12.836	142	220776	42.847	ng	96
40) 1,2,4,5-Tetrachloroben...	12.983	216	136075	42.277	ng	98
41) Hexachlorocyclopentadiene	12.972	237	201088	105.400	ng	94
43) 2,4,6-Trichlorophenol	13.212	196	94403	45.800	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	101580	48.553	ng	95
46) 1,1'-Biphenyl	13.612	154	309407	42.945	ng	98
47) 2-Chloronaphthalene	13.659	162	242539	42.746	ng	98
48) 2-Nitroaniline	13.847	65	76134	49.064	ng	97
49) Acenaphthylene	14.499	152	411554	45.502	ng	99
50) Dimethylphthalate	14.223	163	328981	42.966	ng	99
51) 2,6-Dinitrotoluene	14.334	165	63784	49.340	ng	# 80
52) Acenaphthene	14.840	154	274920	47.446	ng	97
53) 3-Nitroaniline	14.663	138	46201	30.542	ng	# 97
54) 2,4-Dinitrophenol	14.869	184	69209	98.215	ng	90
55) Dibenzofuran	15.174	168	395203	41.765	ng	98
56) 4-Nitrophenol	14.963	139	121358	98.349	ng	86
57) 2,4-Dinitrotoluene	15.122	165	92721	51.693	ng	88
58) Fluorene	15.821	166	326339	42.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	101134	45.226	ng	99
60) Diethylphthalate	15.586	149	348614	43.133	ng	99
61) 4-Chlorophenyl-phenyle...	15.809	204	177916	41.825	ng	98
62) 4-Nitroaniline	15.826	138	70034	43.815	ng	86
63) Azobenzene	16.103	77	359951	41.668	ng	96
65) 4,6-Dinitro-2-methylph...	15.885	198	46782	41.424	ng	97
66) n-Nitrosodiphenylamine	16.020	169	300338	42.112	ng	100
67) 4-Bromophenyl-phenylether	16.708	248	120666	39.510	ng	97
68) Hexachlorobenzene	16.831	284	141336	43.054	ng	95
69) Atrazine	16.966	200	128041	48.690	ng	98
70) Pentachlorophenol	17.166	266	184951	90.814	ng	91
71) Phenanthrene	17.559	178	575867	42.493	ng	99
72) Anthracene	17.653	178	582526	43.482	ng	99
73) Carbazole	17.912	167	551790	41.587	ng	99
74) Di-n-butylphthalate	18.476	149	651165	44.924	ng	99
75) Fluoranthene	19.568	202	772994	44.935	ng	100
77) Benzidine	19.733	184	302625	42.529	ng	99
78) Pyrene	19.927	202	787270	41.137	ng	99
80) Butylbenzylphthalate	20.814	149	292152	43.035	ng	98
81) Benzo(a)anthracene	21.789	228	786799	42.589	ng	98
82) 3,3'-Dichlorobenzidine	21.695	252	166279	25.488	ng	100
83) Chrysene	21.859	228	719356	41.419	ng	99
84) Bis(2-ethylhexyl)phtha...	21.701	149	411690	44.593	ng	98
85) Di-n-octyl phthalate	22.958	149	698202	45.428	ng	98
87) Indeno(1,2,3-cd)pyrene	28.938	276	851464	42.392	ng	99
88) Benzo(b)fluoranthene	24.080	252	834203	45.785	ng	99
89) Benzo(k)fluoranthene	24.151	252	770379	42.975	ng	99
90) Benzo(a)pyrene	24.979	252	786957	51.026	ng	97
91) Dibenzo(a,h)anthracene	29.020	278	737830	44.581	ng	97
92) Benzo(g,h,i)perylene	30.137	276	737650	45.046	ng	# 94

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

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