

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054679.D
 Acq On : 20 Aug 2022 2:49
 Operator : CG/JU
 Sample : PB146953BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146953BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 22 00:37:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	63155	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	264001	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	172562	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	372714	20.000	ng	0.00
76) Chrysene-d12	21.831	240	342106	20.000	ng	0.00
86) Perylene-d12	25.203	264	361354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	489843	140.443	ng	0.00
7) Phenol-d6	7.307	99	641301	131.474	ng	0.00
23) Nitrobenzene-d5	9.334	82	375490	82.115	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	218649	121.349	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	867370	78.733	ng	0.00
79) Terphenyl-d14	20.139	244	1358333	84.864	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.541	88	48964	28.751	ng	96
3) Pyridine	3.952	79	142711	31.193	ng	98
4) n-Nitrosodimethylamine	3.864	42	84101	41.293	ng	98
6) Aniline	7.477	93	260804	44.612	ng	98
8) 2-Chlorophenol	7.718	128	182353	48.195	ng	99
9) Benzaldehyde	7.289	77	130711	44.472	ng	99
10) Phenol	7.330	94	230810	46.578	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	174490	43.672	ng	99
12) 1,3-Dichlorobenzene	8.047	146	189408	42.678	ng	99
13) 1,4-Dichlorobenzene	8.194	146	191496	42.752	ng	99
14) 1,2-Dichlorobenzene	8.517	146	187068	44.055	ng	96
15) Benzyl Alcohol	8.394	79	164508	47.429	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	274821	44.116	ng	99
17) 2-Methylphenol	8.593	107	157639	46.474	ng	98
18) Hexachloroethane	9.251	117	68056	43.390	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	141604	44.204	ng	98
20) 3+4-Methylphenols	8.922	107	214769	45.841	ng	98
22) Acetophenone	8.987	105	269318	42.277	ng	# 99
24) Nitrobenzene	9.375	77	199761	43.009	ng	98
25) Isophorone	9.898	82	392740	44.721	ng	99
26) 2-Nitrophenol	10.086	139	81459	45.449	ng	98
27) 2,4-Dimethylphenol	10.139	122	176514	50.567	ng	99
28) bis(2-Chloroethoxy)met...	10.380	93	237818	47.146	ng	97
29) 2,4-Dichlorophenol	10.620	162	172628	46.221	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	178973	40.059	ng	99
31) Naphthalene	11.038	128	551550	40.643	ng	99
32) Benzoic acid	10.274	122	105935	44.697	ng	99
33) 4-Chloroaniline	11.137	127	179114	32.415	ng	99
34) Hexachlorobutadiene	11.314	225	115629	40.285	ng	98
35) Caprolactam	11.913	113	57918m	47.657	ng	
36) 4-Chloro-3-methylphenol	12.242	107	185861	46.757	ng	100
37) 2-Methylnaphthalene	12.630	142	388207	41.256	ng	99
38) 1-Methylnaphthalene	12.847	142	368873	40.289	ng	97
40) 1,2,4,5-Tetrachloroben...	12.988	216	208243	41.366	ng	98
41) Hexachlorocyclopentadiene	12.971	237	267216	100.321	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	140299	44.431	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	155758	44.069	ng	99
46) 1,1'-Biphenyl	13.629	154	518245	42.347	ng	99
47) 2-Chloronaphthalene	13.676	162	382888	41.163	ng	99
48) 2-Nitroaniline	13.870	65	117919	45.784	ng	99
49) Acenaphthylene	14.516	152	634704	41.518	ng	100
50) Dimethylphthalate	14.240	163	504911	41.479	ng	98
51) 2,6-Dinitrotoluene	14.357	165	107207	46.493	ng	98
52) Acenaphthene	14.857	154	427794	44.430	ng	99
53) 3-Nitroaniline	14.692	138	100639	38.095	ng	95
54) 2,4-Dinitrophenol	14.892	184	91328	78.676	ng	95
55) Dibenzofuran	15.186	168	588618	40.976	ng	100
56) 4-Nitrophenol	14.986	139	193866	95.456	ng	96
57) 2,4-Dinitrotoluene	15.145	165	146164	47.232	ng	# 97
58) Fluorene	15.838	166	489365	40.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	137458	43.978	ng	99
60) Diethylphthalate	15.597	149	503341	41.927	ng	98
61) 4-Chlorophenyl-phenyle...	15.826	204	249167	41.939	ng	97
62) 4-Nitroaniline	15.850	138	116982	42.489	ng	99
63) Azobenzene	16.120	77	476438	41.217	ng	100
65) 4,6-Dinitro-2-methylph...	15.903	198	58297	43.894	ng	99
66) n-Nitrosodiphenylamine	16.038	169	440972	43.274	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	148149	39.228	ng	99
68) Hexachlorobenzene	16.831	284	186896	42.527	ng	96
69) Atrazine	16.984	200	166693	51.513	ng	99
70) Pentachlorophenol	17.177	266	227029	94.748	ng	99
71) Phenanthrene	17.577	178	780035	41.157	ng	98
72) Anthracene	17.671	178	790985	42.830	ng	99
73) Carbazole	17.935	167	735658	43.806	ng	99
74) Di-n-butylphthalate	18.488	149	872577	44.007	ng	100
75) Fluoranthene	19.581	202	958345	41.879	ng	99
77) Benzidine	19.757	184	607717	94.747	ng	99
78) Pyrene	19.945	202	950134	42.287	ng	99
80) Butylbenzylphthalate	20.826	149	374758	46.456	ng	100
81) Benzo(a)anthracene	21.807	228	925547	41.827	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	295515	46.576	ng	99
83) Chrysene	21.878	228	864021	41.275	ng	98
84) Bis(2-ethylhexyl)phtha...	21.707	149	548712	46.286	ng	98
85) Di-n-octyl phthalate	22.977	149	928290	47.308	ng	100
87) Indeno(1,2,3-cd)pyrene	29.081	276	1115439	42.219	ng	99
88) Benzo(b)fluoranthene	24.128	252	1000587	45.982	ng	99
89) Benzo(k)fluoranthene	24.199	252	948256	43.322	ng	99
90) Benzo(a)pyrene	25.045	252	876621	47.432	ng	100
91) Dibenzo(a,h)anthracene	29.163	278	955755	43.965	ng	99
92) Benzo(g,h,i)perylene	30.297	276	944221	43.799	ng	99

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

