

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056641.D
 Acq On : 15 Feb 2023 19:55
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG021523

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:35:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.441	152	17513	20.000	ng	0.00
21) Naphthalene-d8	11.279	136	73630	20.000	ng	0.00
39) Acenaphthene-d10	15.045	164	56903	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	145260	20.000	ng	0.00
76) Chrysene-d12	22.095	240	133451	20.000	ng	0.00
86) Perylene-d12	25.638	264	151892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	89839	83.466	ng	0.00
7) Phenol-d6	7.559	99	138541	87.136	ng	0.00
23) Nitrobenzene-d5	9.616	82	129992	90.394	ng	0.00
42) 2,4,6-Tribromophenol	16.520	330	68558	88.000	ng	0.00
45) 2-Fluorobiphenyl	13.676	172	344954	81.176	ng	0.00
79) Terphenyl-d14	20.345	244	674763	82.726	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.758	88	18727	39.685	ng	98
3) Pyridine	4.175	79	62533	41.895	ng	98
4) n-Nitrosodimethylamine	4.081	42	30225	43.442	ng	88
6) Aniline	7.747	93	93301	42.224	ng	99
8) 2-Chlorophenol	7.994	128	46161	43.345	ng	97
9) Benzaldehyde	7.559	77	33533	39.881	ng	88
10) Phenol	7.583	94	71314	43.848	ng	97
11) bis(2-Chloroethyl)ether	7.842	93	51063	41.845	ng	95
12) 1,3-Dichlorobenzene	8.329	146	51685	40.734	ng	98
13) 1,4-Dichlorobenzene	8.476	146	52617	41.177	ng	93
14) 1,2-Dichlorobenzene	8.799	146	49769	40.520	ng	96
15) Benzyl Alcohol	8.664	79	63384	44.522	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.964	45	66853m	40.806	ng	
17) 2-Methylphenol	8.858	107	49181	43.030	ng	95
18) Hexachloroethane	9.545	117	17899	44.219	ng	99
19) n-Nitroso-di-n-propyla...	9.246	70	54057	45.415	ng	96
20) 3+4-Methylphenols	9.187	107	68034	43.332	ng	92
22) Acetophenone	9.263	105	89879	39.951	ng	98
24) Nitrobenzene	9.657	77	70314	42.316	ng	96
25) Isophorone	10.180	82	142554	40.732	ng	99
26) 2-Nitrophenol	10.374	139	25161	42.493	ng	91
27) 2,4-Dimethylphenol	10.409	122	55533	41.041	ng	97
28) bis(2-Chloroethoxy)met...	10.656	93	72074	40.409	ng	# 97
29) 2,4-Dichlorophenol	10.909	162	57445	42.835	ng	96
30) 1,2,4-Trichlorobenzene	11.132	180	62643	39.213	ng	96
31) Naphthalene	11.332	128	163420	40.047	ng	99
32) Benzoic acid	10.515	122	40114m	45.997	ng	
33) 4-Chloroaniline	11.420	127	76169	40.854	ng	99
34) Hexachlorobutadiene	11.608	225	46544	40.769	ng	98
35) Caprolactam	12.183	113	18701	43.357	ng	# 78
36) 4-Chloro-3-methylphenol	12.501	107	64219	43.423	ng	99
37) 2-Methylnaphthalene	12.900	142	130431	40.481	ng	100
38) 1-Methylnaphthalene	13.118	142	121431	40.389	ng	94
40) 1,2,4,5-Tetrachloroben...	13.259	216	86203	40.751	ng	97
41) Hexachlorocyclopentadiene	13.235	237	49452	43.102	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	58455	45.546	ng	98

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44) 2,4,5-Trichlorophenol	13.552	196	68469	44.512	ng	98
46) 1,1'-Biphenyl	13.882	154	176547	40.958	ng	97
47) 2-Chloronaphthalene	13.934	162	140127	41.080	ng	99
48) 2-Nitroaniline	14.117	65	41058	42.050	ng	93
49) Acenaphthylene	14.769	152	224833	40.566	ng	98
50) Dimethylphthalate	14.481	163	198213	42.137	ng	100
51) 2,6-Dinitrotoluene	14.598	165	38745	42.612	ng	89
52) Acenaphthene	15.109	154	142011	41.538	ng	98
53) 3-Nitroaniline	14.933	138	40033	43.843	ng	97
54) 2,4-Dinitrophenol	15.127	184	23922	44.019	ng	96
55) Dibenzofuran	15.438	168	236091	40.876	ng	98
56) 4-Nitrophenol	15.203	139	31473	44.988	ng	97
57) 2,4-Dinitrotoluene	15.380	165	53280	46.443	ng	# 95
58) Fluorene	16.079	166	184760	40.458	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.650	232	60583	44.938	ng	92
60) Diethylphthalate	15.832	149	198001	41.728	ng	99
61) 4-Chlorophenyl-phenyle...	16.067	204	113311	40.615	ng	97
62) 4-Nitroaniline	16.091	138	41667	43.785	ng	90
63) Azobenzene	16.355	77	191829	40.394	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	31123	41.490	ng	98
66) n-Nitrosodiphenylamine	16.273	169	172643	40.854	ng	98
67) 4-Bromophenyl-phenylether	16.960	248	75607	40.540	ng	97
68) Hexachlorobenzene	17.084	284	78580	41.356	ng	99
69) Atrazine	17.207	200	66911	41.235	ng	96
70) Pentachlorophenol	17.413	266	56491	44.893	ng	97
71) Phenanthrene	17.824	178	323793	40.971	ng	99
72) Anthracene	17.912	178	328612	40.637	ng	99
73) Carbazole	18.171	167	283616	40.686	ng	98
74) Di-n-butylphthalate	18.705	149	327299	41.956	ng	99
75) Fluoranthene	19.804	202	417753	40.062	ng	100
77) Benzidine	19.968	184	125622	39.357	ng	97
78) Pyrene	20.162	202	422246	41.896	ng	99
80) Butylbenzylphthalate	21.032	149	137289	45.363	ng	98
81) Benzo(a)anthracene	22.078	228	407675	41.078	ng	96
82) 3,3'-Dichlorobenzidine	21.972	252	134730	41.843	ng	99
83) Chrysene	22.148	228	378578	40.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.949	149	199187	43.921	ng	99
85) Di-n-octyl phthalate	23.276	149	332894	44.164	ng	100
87) Indeno(1,2,3-cd)pyrene	29.739	276	491336	41.304	ng	# 98
88) Benzo(b)fluoranthene	24.504	252	406260	40.940	ng	100
89) Benzo(k)fluoranthene	24.581	252	396396	40.621	ng	99
90) Benzo(a)pyrene	25.474	252	394118	41.319	ng	98
91) Dibenzo(a,h)anthracene	29.822	278	409639	41.578	ng	# 97
92) Benzo(g,h,i)perylene	31.032	276	399150	41.462	ng	96

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

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