

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
 Data File : BG056134.D
 Acq On : 27 Dec 2022 20:24
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 05:22:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	40154	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	157912	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	138474	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	374822	20.000	ng	0.00
76) Chrysene-d12	21.978	240	364377	20.000	ng	0.00
86) Perylene-d12	25.427	264	400261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	181185	80.566	ng	0.00
7) Phenol-d6	7.466	99	286561	82.973	ng	0.00
23) Nitrobenzene-d5	9.510	82	248132	80.376	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	146333	83.440	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	805805	80.357	ng	0.00
79) Terphenyl-d14	20.251	244	1604339	78.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	40912	39.828	ng	98
3) Pyridine	4.093	79	131334	41.978	ng	98
4) n-Nitrosodimethylamine	3.999	42	26893	42.257	ng	90
6) Aniline	7.648	93	185536	40.965	ng	99
8) 2-Chlorophenol	7.895	128	93350	41.713	ng	94
9) Benzaldehyde	7.460	77	83926	40.869	ng	95
10) Phenol	7.495	94	145190	41.453	ng	97
11) bis(2-Chloroethyl)ether	7.742	93	92845	39.116	ng	93
12) 1,3-Dichlorobenzene	8.224	146	109233	40.105	ng	99
13) 1,4-Dichlorobenzene	8.376	146	112847	41.260	ng	99
14) 1,2-Dichlorobenzene	8.700	146	105950	40.147	ng	98
15) Benzyl Alcohol	8.564	79	102976	40.968	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.858	45	16195	38.611	ng	89
17) 2-Methylphenol	8.764	107	107945	42.001	ng	98
18) Hexachloroethane	9.434	117	33871	40.766	ng	96
19) n-Nitroso-di-n-propyla...	9.140	70	85481	40.703	ng	97
20) 3+4-Methylphenols	9.093	107	151509	41.931	ng	99
22) Acetophenone	9.164	105	180762	40.484	ng	97
24) Nitrobenzene	9.551	77	123466	40.357	ng	96
25) Isophorone	10.074	82	257750	39.682	ng	96
26) 2-Nitrophenol	10.268	139	65703	41.974	ng	91
27) 2,4-Dimethylphenol	10.309	122	115908	40.598	ng	98
28) bis(2-Chloroethoxy)met...	10.550	93	134940	39.971	ng	97
29) 2,4-Dichlorophenol	10.803	162	131140	41.547	ng	99
30) 1,2,4-Trichlorobenzene	11.026	180	148784	41.538	ng	99
31) Naphthalene	11.220	128	342972	41.269	ng	99
32) Benzoic acid	10.427	122	88566	41.809	ng	96
33) 4-Chloroaniline	11.314	127	161056	40.590	ng	99
34) Hexachlorobutadiene	11.496	225	104023	40.379	ng	99
35) Caprolactam	12.078	113	45690	42.755	ng	98
36) 4-Chloro-3-methylphenol	12.407	107	135046	42.164	ng	98
37) 2-Methylnaphthalene	12.801	142	284938	40.605	ng	98
38) 1-Methylnaphthalene	13.018	142	263507	40.438	ng	98
40) 1,2,4,5-Tetrachloroben...	13.159	216	212209	40.888	ng	98
41) Hexachlorocyclopentadiene	13.136	237	123428	41.714	ng	98
43) 2,4,6-Trichlorophenol	13.388	196	142145	41.419	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	168703	41.556	ng	95
46) 1,1'-Biphenyl	13.788	154	404074	40.745	ng	99
47) 2-Chloronaphthalene	13.835	162	320555	40.951	ng	99
48) 2-Nitroaniline	14.023	65	70295	42.149	ng	98
49) Acenaphthylene	14.675	152	518265	40.686	ng	98
50) Dimethylphthalate	14.387	163	458120	40.982	ng	98
51) 2,6-Dinitrotoluene	14.505	165	97931	41.114	ng	96
52) Acenaphthene	15.010	154	345097	41.654	ng	98
53) 3-Nitroaniline	14.839	138	95304	42.042	ng	99
54) 2,4-Dinitrophenol	15.039	184	73739	43.334	ng	96
55) Dibenzofuran	15.339	168	564569	41.180	ng	99
56) 4-Nitrophenol	15.121	139	73765	42.310	ng	97
57) 2,4-Dinitrotoluene	15.286	165	140620	42.213	ng	93
58) Fluorene	15.985	166	446690	40.509	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	159499m	41.844	ng	
60) Diethylphthalate	15.732	149	431024	41.116	ng	99
61) 4-Chlorophenyl-phenyle...	15.967	204	281647	40.928	ng	98
62) 4-Nitroaniline	15.997	138	96430	41.527	ng	98
63) Azobenzene	16.261	77	323933	40.042	ng	99
65) 4,6-Dinitro-2-methylph...	16.050	198	107739	42.663	ng	99
66) n-Nitrosodiphenylamine	16.179	169	417497	40.146	ng	97
67) 4-Bromophenyl-phenylether	16.861	248	190575	39.928	ng	99
68) Hexachlorobenzene	16.984	284	179851	40.388	ng	98
69) Atrazine	17.113	200	173363	40.223	ng	97
70) Pentachlorophenol	17.319	266	142651	41.702	ng	98
71) Phenanthrene	17.724	178	782900	40.305	ng	98
72) Anthracene	17.812	178	810442	40.446	ng	99
73) Carbazole	18.077	167	674206	40.029	ng	99
74) Di-n-butylphthalate	18.606	149	689697	41.078	ng	100
75) Fluoranthene	19.710	202	1017875	40.173	ng	99
77) Benzidine	19.875	184	497621	38.970	ng	100
78) Pyrene	20.069	202	1019426	39.693	ng	99
80) Butylbenzylphthalate	20.932	149	297869	40.426	ng	99
81) Benzo(a)anthracene	21.955	228	1025059	40.053	ng	99
82) 3,3'-Dichlorobenzidine	21.855	252	371096	40.280	ng	99
83) Chrysene	22.025	228	965374	40.269	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	418710	39.444	ng	99
85) Di-n-octyl phthalate	23.112	149	724520	40.429	ng	100
87) Indeno(1,2,3-cd)pyrene	29.405	276	1178781	40.495	ng	# 99
88) Benzo(b)fluoranthene	24.322	252	1026906	40.380	ng	99
89) Benzo(k)fluoranthene	24.399	252	1026237	40.524	ng	99
90) Benzo(a)pyrene	25.268	252	1001406	40.372	ng	99
91) Dibenzo(a,h)anthracene	29.481	278	983324	40.291	ng	97
92) Benzo(g,h,i)perylene	30.662	276	950258	40.151	ng	99

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

