

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056461.D
 Acq On : 27 Jan 2023 17:47
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012723

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 00:41:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.283	152	31805	20.000	ng	# 0.00
21) Naphthalene-d8	11.115	136	131787	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	110621	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	281746	20.000	ng	0.00
76) Chrysene-d12	21.931	240	266855	20.000	ng	0.00
86) Perylene-d12	25.357	264	293147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	144742	83.718	ng	0.00
7) Phenol-d6	7.425	99	217598	84.943	ng	0.00
23) Nitrobenzene-d5	9.458	82	188028	81.018	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	120221	81.747	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	645195	80.863	ng	0.00
79) Terphenyl-d14	20.216	244	1215483	80.000	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	28641	39.784	ng	97
3) Pyridine	4.023	79	89415	41.666	ng	98
4) n-Nitrosodimethylamine	3.929	42	18523	40.587	ng	# 99
6) Aniline	7.595	93	141234	42.110	ng	98
8) 2-Chlorophenol	7.842	128	78524	41.343	ng	96
9) Benzaldehyde	7.407	77	50431	44.756	ng	94
10) Phenol	7.448	94	108764	41.774	ng	96
11) bis(2-Chloroethyl)ether	7.683	93	74684	41.732	ng	97
12) 1,3-Dichlorobenzene	8.171	146	91167	41.690	ng	99
13) 1,4-Dichlorobenzene	8.318	146	91918	41.505	ng	98
14) 1,2-Dichlorobenzene	8.641	146	89321	41.570	ng	97
15) Benzyl Alcohol	8.518	79	75640	43.036	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.806	45	15612	41.172	ng	84
17) 2-Methylphenol	8.717	107	85416	43.123	ng	98
18) Hexachloroethane	9.375	117	26911	40.176	ng	97
19) n-Nitroso-di-n-propyla...	9.082	70	63017	42.687	ng	97
20) 3+4-Methylphenols	9.046	107	120581	43.439	ng	95
22) Acetophenone	9.105	105	141097	40.295	ng	# 98
24) Nitrobenzene	9.499	77	90692	40.513	ng	100
25) Isophorone	10.022	82	194684	40.662	ng	100
26) 2-Nitrophenol	10.216	139	55960	41.201	ng	99
27) 2,4-Dimethylphenol	10.263	122	93656m	41.202	ng	
28) bis(2-Chloroethoxy)met...	10.492	93	105852	40.020	ng	96
29) 2,4-Dichlorophenol	10.756	162	105752	41.331	ng	98
30) 1,2,4-Trichlorobenzene	10.968	180	116451	40.956	ng	99
31) Naphthalene	11.162	128	282959	40.680	ng	99
32) Benzoic acid	10.410	122	50079	39.378	ng	90
33) 4-Chloroaniline	11.267	127	132559	40.827	ng	99
34) Hexachlorobutadiene	11.438	225	82388	41.281	ng	98
35) Caprolactam	12.037	113	34627	40.128	ng	91
36) 4-Chloro-3-methylphenol	12.366	107	102500	41.482	ng	96
37) 2-Methylnaphthalene	12.748	142	236502	41.242	ng	99
38) 1-Methylnaphthalene	12.965	142	218350	40.770	ng	98
40) 1,2,4,5-Tetrachloroben...	13.106	216	161733	40.019	ng	99
41) Hexachlorocyclopentadiene	13.083	237	76668	39.308	ng	99
43) 2,4,6-Trichlorophenol	13.347	196	106577	40.923	ng	96

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44) 2,4,5-Trichlorophenol	13.424	196	124746	40.911	ng	99
46) 1,1'-Biphenyl	13.735	154	326002	40.631	ng	99
47) 2-Chloronaphthalene	13.788	162	252656	40.286	ng	99
48) 2-Nitroaniline	13.982	65	53216	41.047	ng	94
49) Acenaphthylene	14.628	152	414865	40.659	ng	98
50) Dimethylphthalate	14.340	163	360993	40.337	ng	99
51) 2,6-Dinitrotoluene	14.470	165	79665	40.818	ng	99
52) Acenaphthene	14.963	154	243003	40.160	ng	99
53) 3-Nitroaniline	14.799	138	76496	40.429	ng	95
54) 2,4-Dinitrophenol	15.010	184	52196	42.659	ng	96
55) Dibenzofuran	15.298	168	439613	40.512	ng	99
56) 4-Nitrophenol	15.104	139	53984	41.755	ng	94
57) 2,4-Dinitrotoluene	15.257	165	113161	41.163	ng	98
58) Fluorene	15.944	166	348646	40.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.521	232	115894	42.747	ng	98
60) Diethylphthalate	15.686	149	338307	40.257	ng	98
61) 4-Chlorophenyl-phenylether	15.921	204	215437	40.889	ng	99
62) 4-Nitroaniline	15.962	138	78655	41.544	ng	99
63) Azobenzene	16.215	77	232866	40.271	ng	97
65) 4,6-Dinitro-2-methylph...	16.021	198	81941	41.367	ng	99
66) n-Nitrosodiphenylamine	16.138	169	325749	40.836	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	148484	41.167	ng	99
68) Hexachlorobenzene	16.943	284	144204	40.821	ng	99
69) Atrazine	17.072	200	128383	41.717	ng	99
70) Pentachlorophenol	17.290	266	87952	41.146	ng	99
71) Phenanthrene	17.683	178	594403	40.309	ng	98
72) Anthracene	17.772	178	615791	40.681	ng	99
73) Carbazole	18.036	167	523532	40.608	ng	99
74) Di-n-butylphthalate	18.565	149	542693	40.090	ng	99
75) Fluoranthene	19.675	202	745204	40.040	ng	100
77) Benzidine	19.840	184	284963	39.461	ng	99
78) Pyrene	20.034	202	750006	39.517	ng	100
80) Butylbenzylphthalate	20.891	149	228679	39.452	ng	97
81) Benzo(a)anthracene	21.908	228	756292	40.538	ng	99
82) 3,3'-Dichlorobenzidine	21.808	252	262711	39.104	ng	97
83) Chrysene	21.978	228	715276	40.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.767	149	334753	40.282	ng	99
85) Di-n-octyl phthalate	23.042	149	559152	40.402	ng	100
87) Indeno(1,2,3-cd)pyrene	29.299	276	880543	41.034	ng	99
88) Benzo(b)fluoranthene	24.264	252	753238	41.397	ng	99
89) Benzo(k)fluoranthene	24.329	252	757582	41.239	ng	100
90) Benzo(a)pyrene	25.192	252	736204	41.075	ng	99
91) Dibenzo(a,h)anthracene	29.364	278	739302	41.044	ng	100
92) Benzo(g,h,i)perylene	30.551	276	715210	41.151	ng	98

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

