

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057687.D
 Acq On : 12 Jun 2023 18:47
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061223

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 02:02:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 02:00:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	31134	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	124443	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	86113	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	199073	20.000	ng	0.00
76) Chrysene-d12	21.574	240	172729	20.000	ng	0.00
86) Perylene-d12	24.741	264	212075	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	157817	79.489	ng	0.00
7) Phenol-d6	7.097	99	224090	78.030	ng	0.00
23) Nitrobenzene-d5	9.107	82	188117	92.637	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	88873	84.615	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	446986	75.199	ng	0.00
79) Terphenyl-d14	19.935	244	711264	76.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	36707	38.834	ng	99
3) Pyridine	3.819	79	105308m	39.738	ng	
4) n-Nitrosodimethylamine	3.736	42	50955	39.727	ng	97
6) Aniline	7.268	93	138546	38.741	ng	98
8) 2-Chlorophenol	7.509	128	77241	39.965	ng	95
9) Benzaldehyde	7.080	77	69036	40.001	ng	99
10) Phenol	7.127	94	109999	39.019	ng	100
11) bis(2-Chloroethyl)ether	7.368	93	83350	39.198	ng	98
12) 1,3-Dichlorobenzene	7.832	146	81147	38.591	ng	96
13) 1,4-Dichlorobenzene	7.979	146	82149	39.153	ng	98
14) 1,2-Dichlorobenzene	8.296	146	78840	38.677	ng	98
15) Benzyl Alcohol	8.178	79	85809	40.312	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.478	45	179731	38.771	ng	97
17) 2-Methylphenol	8.378	107	78779	38.836	ng	98
18) Hexachloroethane	9.030	117	28947	40.551	ng	91
19) n-Nitroso-di-n-propyla...	8.748	70	73987	39.060	ng	95
20) 3+4-Methylphenols	8.707	107	108864	39.622	ng	98
22) Acetophenone	8.766	105	137830	39.555	ng	# 98
24) Nitrobenzene	9.148	77	97382	46.531	ng	94
25) Isophorone	9.665	82	210829	39.814	ng	99
26) 2-Nitrophenol	9.859	139	30340	46.646	ng	93
27) 2,4-Dimethylphenol	9.912	122	78329	40.523	ng	98
28) bis(2-Chloroethoxy)met...	10.152	93	112604	40.005	ng	98
29) 2,4-Dichlorophenol	10.387	162	75257	42.044	ng	98
30) 1,2,4-Trichlorobenzene	10.605	180	84470	38.946	ng	100
31) Naphthalene	10.799	128	260477	39.246	ng	99
32) Benzoic acid	10.035	122	47764	46.153	ng	90
33) 4-Chloroaniline	10.899	127	115285	39.253	ng	99
34) Hexachlorobutadiene	11.087	225	54785	39.239	ng	96
35) Caprolactam	11.668	113	25475	41.957	ng	98
36) 4-Chloro-3-methylphenol	12.015	107	93218	40.192	ng	97
37) 2-Methylnaphthalene	12.403	142	187561	39.542	ng	99
38) 1-Methylnaphthalene	12.620	142	172166	38.536	ng	99
40) 1,2,4,5-Tetrachloroben...	12.767	216	96892	38.053	ng	99
41) Hexachlorocyclopentadiene	12.749	237	52397	42.723	ng	100
43) 2,4,6-Trichlorophenol	13.002	196	65746	41.565	ng	95

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44) 2,4,5-Trichlorophenol	13.073	196	78610	41.689	ng	99
46) 1,1'-Biphenyl	13.413	154	231257	37.989	ng	97
47) 2-Chloronaphthalene	13.454	162	175324	37.767	ng	98
48) 2-Nitroaniline	13.648	65	60493	41.978	ng	98
49) Acenaphthylene	14.301	152	296759	38.019	ng	99
50) Dimethylphthalate	14.030	163	243982	38.384	ng	99
51) 2,6-Dinitrotoluene	14.148	165	45974	41.801	ng	98
52) Acenaphthene	14.641	154	181678	38.685	ng	99
53) 3-Nitroaniline	14.477	138	49326	40.763	ng	98
54) 2,4-Dinitrophenol	14.677	184	15824	45.111	ng	97
55) Dibenzofuran	14.976	168	293974	37.654	ng	98
56) 4-Nitrophenol	14.771	139	39771	41.237	ng	98
57) 2,4-Dinitrotoluene	14.929	165	59505	41.522	ng	# 98
58) Fluorene	15.623	166	228825	37.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	63877	42.287	ng	98
60) Diethylphthalate	15.399	149	252748	38.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	125596	37.944	ng	98
62) 4-Nitroaniline	15.640	138	50676	40.797	ng	96
63) Azobenzene	15.910	77	257858	37.639	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	25648	44.629	ng	92
66) n-Nitrosodiphenylamine	15.828	169	205253	38.805	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	83246	39.502	ng	99
68) Hexachlorobenzene	16.621	284	82826	39.256	ng	96
69) Atrazine	16.780	200	74090	40.436	ng	98
70) Pentachlorophenol	16.962	266	61433	44.908	ng	99
71) Phenanthrene	17.362	178	372311	38.274	ng	99
72) Anthracene	17.450	178	384942	38.805	ng	99
73) Carbazole	17.720	167	355912	38.612	ng	99
74) Di-n-butylphthalate	18.290	149	440695	40.025	ng	99
75) Fluoranthene	19.371	202	460513	38.719	ng	98
77) Benzidine	19.553	184	181411	41.372	ng	100
78) Pyrene	19.735	202	471679	38.582	ng	99
80) Butylbenzylphthalate	20.628	149	183972	42.991	ng	98
81) Benzo(a)anthracene	21.557	228	458107	38.175	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	157919	39.744	ng	99
83) Chrysene	21.621	228	434075	38.136	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	268689	41.035	ng	99
85) Di-n-octyl phthalate	22.679	149	467413	42.267	ng	100
87) Indeno(1,2,3-cd)pyrene	28.349	276	532219	38.750	ng	99
88) Benzo(b)fluoranthene	23.737	252	451146	39.090	ng	100
89) Benzo(k)fluoranthene	23.807	252	450677	38.325	ng	98
90) Benzo(a)pyrene	24.594	252	441268	38.910	ng	99
91) Dibenzo(a,h)anthracene	28.425	278	440477	38.449	ng	99
92) Benzo(g,h,i)perylene	29.483	276	436618	38.602	ng	97

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

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