

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060180.D
 Acq On : 29 Dec 2023 14:37
 Operator : MA/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 30 03:05:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 02:56:50 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	220323	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	833243	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	644125	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1592518	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1416295	20.000	ng	0.00
86) Perylene-d12	24.768	264	1557675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1115185	76.397	ng	0.00
7) Phenol-d6	7.101	99	1718955	79.311	ng	0.00
23) Nitrobenzene-d5	9.104	82	1469983	81.487	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	717721	83.240	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3609367	80.535	ng	0.00
79) Terphenyl-d14	19.945	244	4909506	66.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	245804	37.848	ng	100
3) Pyridine	3.811	79	695682m	37.808	ng	
4) n-Nitrosodimethylamine	3.728	42	257075	37.528	ng	100
6) Aniline	7.265	93	882838	40.655	ng	100
8) 2-Chlorophenol	7.506	128	548886	39.125	ng	100
9) Benzaldehyde	7.077	77	489887	37.672	ng	100
10) Phenol	7.130	94	863030	39.487	ng	100
11) bis(2-Chloroethyl)ether	7.359	93	681990	38.561	ng	100
12) 1,3-Dichlorobenzene	7.829	146	676234	39.048	ng	100
13) 1,4-Dichlorobenzene	7.976	146	675231	38.567	ng	100
14) 1,2-Dichlorobenzene	8.294	146	608365	35.543	ng	100
15) Benzyl Alcohol	8.176	79	498572	37.172	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.464	45	802598	35.360	ng	100
17) 2-Methylphenol	8.376	107	505371	36.927	ng	100
18) Hexachloroethane	9.022	117	199455	36.172	ng	100
19) n-Nitroso-di-n-propyla...	8.740	70	546411	36.904	ng	100
20) 3+4-Methylphenols	8.705	107	716623	36.946	ng	100
22) Acetophenone	8.758	105	976614	39.559	ng	100
24) Nitrobenzene	9.146	77	754110	40.858	ng	100
25) Isophorone	9.663	82	1526941	40.457	ng	100
26) 2-Nitrophenol	9.851	139	270691	42.029	ng	100
27) 2,4-Dimethylphenol	9.909	122	365568	40.071	ng	100
28) bis(2-Chloroethoxy)met...	10.150	93	885785	40.071	ng	100
29) 2,4-Dichlorophenol	10.391	162	605149	41.971	ng	100
30) 1,2,4-Trichlorobenzene	10.603	180	703119	40.066	ng	100
31) Naphthalene	10.791	128	1748780	39.754	ng	100
32) Benzoic acid	10.045	122	286337m	37.954	ng	
33) 4-Chloroaniline	10.902	127	710859	41.377	ng	100
34) Hexachlorobutadiene	11.073	225	413452	39.613	ng	100
35) Caprolactam	11.672	113	194275	40.506	ng	100
36) 4-Chloro-3-methylphenol	12.025	107	621479	41.882	ng	100
37) 2-Methylnaphthalene	12.401	142	1317050	41.450	ng	100
38) 1-Methylnaphthalene	12.618	142	1307774	40.709	ng	100
40) 1,2,4,5-Tetrachloroben...	12.771	216	804520	38.993	ng	100
41) Hexachlorocyclopentadiene	12.747	237	268278	40.228	ng	100
43) 2,4,6-Trichlorophenol	13.006	196	548703	40.469	ng	100

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44) 2,4,5-Trichlorophenol	13.076	196	620662	40.920	ng	100
46) 1,1'-Biphenyl	13.411	154	1918598	40.485	ng	100
47) 2-Chloronaphthalene	13.452	162	1603564	39.716	ng	100
48) 2-Nitroaniline	13.658	65	440661	41.762	ng	100
49) Acenaphthylene	14.298	152	2368112	40.707	ng	100
50) Dimethylphthalate	14.034	163	2011146	40.440	ng	100
51) 2,6-Dinitrotoluene	14.152	165	434657	42.020	ng	100
52) Acenaphthene	14.645	154	1464378	40.338	ng	100
53) 3-Nitroaniline	14.481	138	415654	42.645	ng	100
54) 2,4-Dinitrophenol	14.680	184	198490	37.795	ng	100
55) Dibenzofuran	14.974	168	2431391	39.984	ng	100
56) 4-Nitrophenol	14.786	139	318108	43.177	ng	100
57) 2,4-Dinitrotoluene	14.939	165	592597	42.131	ng	100
58) Fluorene	15.626	166	2038462	40.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	543134	41.083	ng	100
60) Diethylphthalate	15.391	149	1903740	40.142	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	1041338	40.099	ng	100
62) 4-Nitroaniline	15.650	138	440700	42.888	ng	100
63) Azobenzene	15.908	77	2009527	40.870	ng	100
65) 4,6-Dinitro-2-methylph...	15.703	198	320168	40.179	ng	100
66) n-Nitrosodiphenylamine	15.832	169	1730714	40.330	ng	100
67) 4-Bromophenyl-phenylether	16.513	248	664241	39.341	ng	100
68) Hexachlorobenzene	16.631	284	788112	39.812	ng	100
69) Atrazine	16.778	200	617653	39.161	ng	100
70) Pentachlorophenol	16.972	266	464914	42.887	ng	100
71) Phenanthrene	17.365	178	3179061	40.386	ng	100
72) Anthracene	17.459	178	3171224	40.558	ng	100
73) Carbazole	17.730	167	2988264	40.295	ng	100
74) Di-n-butylphthalate	18.288	149	2956265	41.135	ng	100
75) Fluoranthene	19.381	202	3654902	39.584	ng	100
77) Benzidine	19.563	184	1595189	40.695	ng	100
78) Pyrene	19.745	202	3807538	39.993	ng	100
80) Butylbenzylphthalate	20.632	149	1150149	40.971	ng	100
81) Benzo(a)anthracene	21.572	228	3616041	40.156	ng	100
82) 3,3'-Dichlorobenzidine	21.490	252	1324212	40.439	ng	100
83) Chrysene	21.637	228	3469529	39.659	ng	100
84) Bis(2-ethylhexyl)phtha...	21.484	149	1732549	40.697	ng	100
85) Di-n-octyl phthalate	22.677	149	2900721	41.626	ng	100
87) Indeno(1,2,3-cd)pyrene	28.388	276	4422447	40.270	ng	100
88) Benzo(b)fluoranthene	23.764	252	3767885	40.252	ng	100
89) Benzo(k)fluoranthene	23.828	252	3795916	40.290	ng	100
90) Benzo(a)pyrene	24.616	252	3392660	40.061	ng	100
91) Dibenzo(a,h)anthracene	28.452	278	3600893	39.906	ng	100
92) Benzo(g,h,i)perylene	29.528	276	3631579	39.734	ng	100

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

