

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
 Data File : BG060578.D
 Acq On : 6 Mar 2024 19:13
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 07 02:34:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 07 02:28:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	80582	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	375489	20.000	ng	0.00
39) Acenaphthene-d10	14.956	164	237344	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	517961	20.000	ng	0.00
76) Chrysene-d12	22.030	240	454810	20.000	ng	0.00
86) Perylene-d12	25.585	264	529803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	528817	105.526	ng	0.00
7) Phenol-d6	7.441	99	780204	105.177	ng	0.00
23) Nitrobenzene-d5	9.527	82	561455	99.815	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	288888	98.424	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	1824365	101.092	ng	0.00
79) Terphenyl-d14	20.285	244	2483635	97.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.652	88	112999	51.033	ng	96
3) Pyridine	4.075	79	311028	51.376	ng	97
4) n-Nitrosodimethylamine	3.998	42	171839	50.537	ng	96
6) Aniline	7.653	93	384248	51.795	ng	97
8) 2-Chlorophenol	7.876	128	287991	55.459	ng	98
9) Benzaldehyde	7.471	77	214407	47.593	ng	91
10) Phenol	7.471	94	377002	51.681	ng	98
11) bis(2-Chloroethyl)ether	7.741	93	302517	51.420	ng	99
12) 1,3-Dichlorobenzene	8.205	146	326194	50.073	ng	97
13) 1,4-Dichlorobenzene	8.364	146	332588	50.079	ng	98
14) 1,2-Dichlorobenzene	8.681	146	326157	50.594	ng	98
15) Benzyl Alcohol	8.569	79	286750	53.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.834	45	596298	52.011	ng	99
17) 2-Methylphenol	8.746	107	275456	52.621	ng	96
18) Hexachloroethane	9.416	117	111203	53.761	ng	96
19) n-Nitroso-di-n-propyla...	9.139	70	263693	52.547	ng	99
20) 3+4-Methylphenols	9.081	107	378313	53.443	ng	99
22) Acetophenone	9.175	105	523581	49.445	ng	97
24) Nitrobenzene	9.574	77	308301	50.035	ng	99
25) Isophorone	10.079	82	772998	49.954	ng	98
26) 2-Nitrophenol	10.279	139	90450	49.345	ng	98
27) 2,4-Dimethylphenol	10.297	122	232409	49.895	ng	98
28) bis(2-Chloroethoxy)met...	10.561	93	434805	49.812	ng	99
29) 2,4-Dichlorophenol	10.796	162	286910	49.084	ng	97
30) 1,2,4-Trichlorobenzene	11.020	180	321774	48.850	ng	97
31) Naphthalene	11.225	128	1054864	48.735	ng	99
32) Benzoic acid	10.426	122	145416	48.838	ng	95
33) 4-Chloroaniline	11.337	127	394655	48.429	ng	98
34) Hexachlorobutadiene	11.454	225	222747	49.661	ng	95
35) Caprolactam	12.142	113	94885	51.067	ng	94
36) 4-Chloro-3-methylphenol	12.406	107	355256	52.343	ng	99
37) 2-Methylnaphthalene	12.806	142	708472	48.998	ng	99
38) 1-Methylnaphthalene	13.023	142	708694	49.005	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	385321	52.638	ng	98
41) Hexachlorocyclopentadiene	13.099	237	126734	49.630	ng	99
43) 2,4,6-Trichlorophenol	13.382	196	234552	50.276	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	260703	50.698	ng	97
46) 1,1'-Biphenyl	13.793	154	940661	50.729	ng	98
47) 2-Chloronaphthalene	13.846	162	757795	50.955	ng	99
48) 2-Nitroaniline	14.057	65	164215	50.535	ng	94
49) Acenaphthylene	14.686	152	1143678	50.709	ng	98
50) Dimethylphthalate	14.404	163	913611	51.842	ng	99
51) 2,6-Dinitrotoluene	14.539	165	126720	50.692	ng	92
52) Acenaphthene	15.021	154	697508	49.789	ng	98
53) 3-Nitroaniline	14.880	138	139630	50.234	ng	# 98
54) 2,4-Dinitrophenol	15.068	184	52294	50.118	ng	90
55) Dibenzofuran	15.350	168	1104877	49.784	ng	99
56) 4-Nitrophenol	15.138	139	113585	49.628	ng	95
57) 2,4-Dinitrotoluene	15.315	165	151031	49.952	ng	# 89
58) Fluorene	15.996	166	886284	48.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.555	232	216885	49.913	ng	99
60) Diethylphthalate	15.749	149	948855	51.029	ng	99
61) 4-Chlorophenyl-phenyle...	15.984	204	438035	48.264	ng	99
62) 4-Nitroaniline	16.037	138	160918m	49.777	ng	
63) Azobenzene	16.278	77	962624	49.601	ng	99
65) 4,6-Dinitro-2-methylph...	16.061	198	73357	49.629	ng	96
66) n-Nitrosodiphenylamine	16.202	169	788559	50.347	ng	99
67) 4-Bromophenyl-phenylether	16.877	248	292047	50.495	ng	97
68) Hexachlorobenzene	16.966	284	347086	50.906	ng	98
69) Atrazine	17.136	200	186171	47.782	ng	98
70) Pentachlorophenol	17.318	266	191037	49.490	ng	100
71) Phenanthrene	17.747	178	1355330	49.235	ng	99
72) Anthracene	17.835	178	1347420	49.333	ng	97
73) Carbazole	18.111	167	1248693	48.643	ng	98
74) Di-n-butylphthalate	18.628	149	1523790	52.630	ng	100
75) Fluoranthene	19.739	202	1567147	48.132	ng	100
77) Benzidine	19.927	184	190303	36.969	ng	98
78) Pyrene	20.103	202	1629238	50.079	ng	99
80) Butylbenzylphthalate	20.967	149	613966	50.390	ng	99
81) Benzo(a)anthracene	22.007	228	1570699	50.044	ng	99
82) 3,3'-Dichlorobenzidine	21.919	252	521226	52.247	ng	98
83) Chrysene	22.077	228	1531378	50.212	ng	100
84) Bis(2-ethylhexyl)phtha...	21.854	149	930160	50.992	ng	100
85) Di-n-octyl phthalate	23.194	149	1545974	50.883	ng	98
87) Indeno(1,2,3-cd)pyrene	29.727	276	1880316m	51.151	ng	
88) Benzo(b)fluoranthene	24.439	252	1560735	49.691	ng	99
89) Benzo(k)fluoranthene	24.515	252	1573225	50.648	ng	99
90) Benzo(a)pyrene	25.420	252	1393272	50.514	ng	99
91) Dibenzo(a,h)anthracene	29.815	278	1540902	50.971	ng	97
92) Benzo(g,h,i)perylene	31.049	276	1555012	50.512	ng	99

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

