

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060705.D
 Acq On : 29 Mar 2024 14:55
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:06:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 02:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	59537	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	260207	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	191108	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	425089	20.000	ng	0.00
76) Chrysene-d12	21.607	240	382623	20.000	ng	0.00
86) Perylene-d12	24.745	264	448468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	444971	124.506	ng	0.00
7) Phenol-d6	7.118	99	649086	122.353	ng	0.00
23) Nitrobenzene-d5	9.116	82	629399	138.023	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	282083	130.029	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	1553293	119.286	ng	0.00
79) Terphenyl-d14	19.968	244	2452956	112.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	86206	58.833	ng	98
3) Pyridine	3.852	79	265912	60.164	ng	96
4) n-Nitrosodimethylamine	3.764	42	167712	63.481	ng	98
6) Aniline	7.289	93	407983	60.900	ng	99
8) 2-Chlorophenol	7.524	128	252763	62.384	ng	99
9) Benzaldehyde	7.101	77	153188	52.366	ng	100
10) Phenol	7.148	94	334783	61.836	ng	99
11) bis(2-Chloroethyl)ether	7.389	93	261101	59.733	ng	99
12) 1,3-Dichlorobenzene	7.853	146	252426	59.909	ng	99
13) 1,4-Dichlorobenzene	8.000	146	260971	60.710	ng	98
14) 1,2-Dichlorobenzene	8.317	146	254481	60.409	ng	99
15) Benzyl Alcohol	8.194	79	266884	62.106	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.499	45	598922m	60.694	ng	
17) 2-Methylphenol	8.393	107	254040	62.155	ng	97
18) Hexachloroethane	9.046	117	94797	62.092	ng	93
19) n-Nitroso-di-n-propyla...	8.775	70	250998	62.042	ng	# 98
20) 3+4-Methylphenols	8.728	107	352221	62.932	ng	96
22) Acetophenone	8.781	105	447861	62.421	ng	98
24) Nitrobenzene	9.157	77	323577	62.838	ng	97
25) Isophorone	9.686	82	653701	62.239	ng	99
26) 2-Nitrophenol	9.868	139	118314	62.677	ng	93
27) 2,4-Dimethylphenol	9.933	122	263842	62.535	ng	96
28) bis(2-Chloroethoxy)met...	10.174	93	380716	61.397	ng	98
29) 2,4-Dichlorophenol	10.403	162	247126	63.785	ng	98
30) 1,2,4-Trichlorobenzene	10.620	180	278167	63.405	ng	99
31) Naphthalene	10.814	128	855738	60.796	ng	99
32) Benzoic acid	10.074	122	175988	60.601	ng	97
33) 4-Chloroaniline	10.908	127	399171	61.057	ng	99
34) Hexachlorobutadiene	11.108	225	183037	62.602	ng	96
35) Caprolactam	11.690	113	93643	61.042	ng	96
36) 4-Chloro-3-methylphenol	12.030	107	305107	61.646	ng	99
37) 2-Methylnaphthalene	12.418	142	636057	61.465	ng	98
38) 1-Methylnaphthalene	12.635	142	584200	59.759	ng	96
40) 1,2,4,5-Tetrachloroben...	12.782	216	346317	63.034	ng	99
41) Hexachlorocyclopentadiene	12.771	237	188295	67.401	ng	99
43) 2,4,6-Trichlorophenol	13.017	196	231864	65.540	ng	98

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44) 2,4,5-Trichlorophenol	13.088	196	272282	64.493	ng	98
46) 1,1'-Biphenyl	13.429	154	812034	60.157	ng	100
47) 2-Chloronaphthalene	13.470	162	625699	61.009	ng	98
48) 2-Nitroaniline	13.664	65	212814	61.204	ng	98
49) Acenaphthylene	14.310	152	1045933	60.696	ng	99
50) Dimethylphthalate	14.057	163	905763	59.963	ng	99
51) 2,6-Dinitrotoluene	14.163	165	169248	61.518	ng	96
52) Acenaphthene	14.657	154	658324	60.845	ng	99
53) 3-Nitroaniline	14.486	138	182910	60.839	ng	98
54) 2,4-Dinitrophenol	14.686	184	76542	72.799	ng	93
55) Dibenzofuran	14.992	168	1015778	59.520	ng	99
56) 4-Nitrophenol	14.786	139	146545	66.363	ng	95
57) 2,4-Dinitrotoluene	14.945	165	222517	61.411	ng	99
58) Fluorene	15.638	166	797836	58.249	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.209	232	231300	62.893	ng	97
60) Diethylphthalate	15.426	149	892051	58.699	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	427328	58.972	ng	96
62) 4-Nitroaniline	15.655	138	186503	67.531	ng	99
63) Azobenzene	15.932	77	876527	59.189	ng	98
65) 4,6-Dinitro-2-methylph...	15.708	198	111639	61.346	ng	94
66) n-Nitrosodiphenylamine	15.849	169	750587	61.789	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	275146	63.778	ng	96
68) Hexachlorobenzene	16.643	284	303300	62.278	ng	98
69) Atrazine	16.807	200	254307	59.866	ng	99
70) Pentachlorophenol	16.983	266	217917	68.577	ng	97
71) Phenanthrene	17.383	178	1333071	60.298	ng	100
72) Anthracene	17.471	178	1357365	60.456	ng	99
73) Carbazole	17.735	167	1176302	59.422	ng	99
74) Di-n-butylphthalate	18.323	149	1474609	59.750	ng	98
75) Fluoranthene	19.392	202	1556286	58.012	ng	99
77) Benzidine	19.569	184	604840	60.032	ng	100
78) Pyrene	19.751	202	1593291	59.541	ng	99
80) Butylbenzylphthalate	20.667	149	639315	65.493	ng	99
81) Benzo(a)anthracene	21.584	228	1624581	60.235	ng	100
82) 3,3'-Dichlorobenzidine	21.502	252	560535	61.551	ng	99
83) Chrysene	21.654	228	1564343	60.176	ng	100
84) Bis(2-ethylhexyl)phtha...	21.543	149	969599	62.319	ng	97
85) Di-n-octyl phthalate	22.747	149	1643870	64.855	ng	99
87) Indeno(1,2,3-cd)pyrene	28.329	276	1969352	62.358	ng	99
88) Benzo(b)fluoranthene	23.764	252	1571271	60.986	ng	99
89) Benzo(k)fluoranthene	23.828	252	1626765	61.946	ng	100
90) Benzo(a)pyrene	24.610	252	1554896	62.102	ng	97
91) Dibenzo(a,h)anthracene	28.405	278	1669069	62.695	ng	99
92) Benzo(g,h,i)perylene	29.439	276	1616056	62.403	ng	99

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

