

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
 Data File : BG062614.D
 Acq On : 30 Aug 2024 12:07
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 16:49:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 13:01:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	67898	20.000	ng	0.00
21) Naphthalene-d8	10.718	136	304459	20.000	ng	0.00
39) Acenaphthene-d10	14.549	164	248486	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	590022	20.000	ng	0.00
76) Chrysene-d12	21.546	240	557704	20.000	ng	0.01
86) Perylene-d12	24.613	264	645820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	596791	151.930	ng	0.00
7) Phenol-d6	7.098	99	906500	159.746	ng	0.00
23) Nitrobenzene-d5	9.084	82	940160	166.307	ng	0.00
42) 2,4,6-Tribromophenol	16.041	330	529752	151.488	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	2249478	146.635	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.409	88	113954	70.645	ng	98
3) Pyridine	3.802	79	375536m	79.653	ng	
4) n-Nitrosodimethylamine	3.720	42	180551	78.769	ng	95
6) Aniline	7.251	93	396239	74.738	ng	95
8) 2-Chlorophenol	7.492	128	331933	78.710	ng	97
10) Phenol	7.122	94	459325	79.956	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	339244	77.130	ng	99
12) 1,3-Dichlorobenzene	7.815	146	349338	75.485	ng	99
13) 1,4-Dichlorobenzene	7.962	146	359226	75.425	ng	99
14) 1,2-Dichlorobenzene	8.279	146	353163	75.439	ng	97
15) Benzyl Alcohol	8.162	79	345934	82.391	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.456	45	633871	75.821	ng	99
17) 2-Methylphenol	8.368	107	312357	78.003	ng	97
18) Hexachloroethane	9.008	117	136483	76.426	ng	96
19) n-Nitroso-di-n-propyla...	8.732	70	351346	78.575	ng	96
20) 3+4-Methylphenols	8.697	107	472833	80.037	ng	95
22) Acetophenone	8.744	105	638885	77.785	ng	# 99
24) Nitrobenzene	9.125	77	497205	82.719	ng	100
25) Isophorone	9.648	82	955437	76.993	ng	98
26) 2-Nitrophenol	9.831	139	207792	91.492	ng	99
27) 2,4-Dimethylphenol	9.895	122	274889	82.604	ng	99
28) bis(2-Chloroethoxy)met...	10.130	93	509459	76.690	ng	99
29) 2,4-Dichlorophenol	10.371	162	376238	80.862	ng	100
30) 1,2,4-Trichlorobenzene	10.583	180	430347	78.022	ng	98
31) Naphthalene	10.771	128	1174900	77.856	ng	99
32) Benzoic acid	10.083	122	314775	89.565	ng	92
33) 4-Chloroaniline	10.882	127	467812	78.774	ng	96
34) Hexachlorobutadiene	11.059	225	301994	78.391	ng	98
35) Caprolactam	11.675	113	134163m	74.833	ng	
36) 4-Chloro-3-methylphenol	12.004	107	447457	79.727	ng	96
37) 2-Methylnaphthalene	12.375	142	905888	77.396	ng	97
38) 1-Methylnaphthalene	12.598	142	911085	77.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	594620	79.572	ng	100
41) Hexachlorocyclopentadiene	12.727	237	190515	89.356	ng	97
43) 2,4,6-Trichlorophenol	12.986	196	387581	81.815	ng	96
44) 2,4,5-Trichlorophenol	13.056	196	442102	82.407	ng	98

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46) 1,1'-Biphenyl	13.385	154	1262616	76.165	ng	98
47) 2-Chloronaphthalene	13.426	162	1036383	77.139	ng	99
48) 2-Nitroaniline	13.632	65	313191	88.630	ng	97
49) Acenaphthylene	14.278	152	1531448	76.972	ng	98
50) Dimethylphthalate	14.014	163	1338707	73.677	ng	99
51) 2,6-Dinitrotoluene	14.126	165	291096	84.700	ng	99
52) Acenaphthene	14.619	154	944827	75.965	ng	98
53) 3-Nitroaniline	14.460	138	274905	82.666	ng	98
54) 2,4-Dinitrophenol	14.660	184	175829	91.165	ng	98
55) Dibenzofuran	14.954	168	1582952	74.212	ng	100
56) 4-Nitrophenol	14.772	139	231175	82.027	ng	96
57) 2,4-Dinitrotoluene	14.919	165	395545	84.352	ng	95
58) Fluorene	15.600	166	1203415	71.889	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.177	232	394009	77.527	ng	99
60) Diethylphthalate	15.377	149	1305513	72.493	ng	99
61) 4-Chlorophenyl-phenyle...	15.594	204	692666	72.078	ng	99
62) 4-Nitroaniline	15.624	138	288733	78.743	ng	98
63) Azobenzene	15.888	77	1233802	72.961	ng	98
65) 4,6-Dinitro-2-methylph...	15.682	198	235842	89.569	ng	96
66) n-Nitrosodiphenylamine	15.812	169	1096348	77.286	ng	98
67) 4-Bromophenyl-phenylether	16.487	248	490244	80.507	ng	97
68) Hexachlorobenzene	16.605	284	579257	80.323	ng	99
70) Pentachlorophenol	16.946	266	382961	82.910	ng	98
71) Phenanthrene	17.339	178	2047887	74.361	ng	98
72) Anthracene	17.427	178	2035804	75.184	ng	97
73) Carbazole	17.698	167	1828893	73.472	ng	99
74) Di-n-butylphthalate	18.262	149	2090186	74.457	ng	99
75) Fluoranthene	19.349	202	2456463	70.525	ng	97
77) Benzidine	19.531	184	822458	81.820	ng	98
78) Pyrene	19.713	202	2550192	71.935	ng	96
80) Butylbenzylphthalate	20.600	149	859589	82.549	ng	93
81) Benzo(a)anthracene	21.523	228	2651284	75.373	ng	96
82) 3,3'-Dichlorobenzidine	21.446	252	860285	75.075	ng	97
83) Chrysene	21.587	228	2501452	74.242	ng	96
84) Bis(2-ethylhexyl)phtha...	21.440	149	1274072	80.538	ng	96
85) Di-n-octyl phthalate	22.604	149	2262438	81.681	ng	99
87) Indeno(1,2,3-cd)pyrene	28.097	276	3295856	79.588	ng	99
88) Benzo(b)fluoranthene	23.650	252	2767104	77.573	ng	100
89) Benzo(k)fluoranthene	23.714	252	2695111	77.238	ng	98
90) Benzo(a)pyrene	24.478	252	2458160	78.004	ng	98
91) Dibenzo(a,h)anthracene	28.162	278	2719210	79.710	ng	99
92) Benzo(g,h,i)perylene	29.196	276	2745187	79.804	ng	99

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

