

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060738.D
 Acq On : 2 Apr 2024 13:22
 Operator : MA/JU
 Sample : PB159911BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159911BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 02 14:05:32 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 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	85147	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	363077	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	262656	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	622054	20.000	ng	0.00
76) Chrysene-d12	21.604	240	546085	20.000	ng	0.00
86) Perylene-d12	24.747	264	580841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	745460	145.848	ng	0.01
7) Phenol-d6	7.127	99	1036902	136.669	ng	0.01
23) Nitrobenzene-d5	9.119	82	610347	95.923	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	488292	163.770	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1577050	88.120	ng	0.00
79) Terphenyl-d14	19.965	244	2567512	82.789	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.467	88	67877	32.391	ng	98
3) Pyridine	3.848	79	181291	28.681	ng	97
4) n-Nitrosodimethylamine	3.766	42	163171	43.186	ng	# 99
6) Aniline	7.286	93	166488	17.377	ng	98
8) 2-Chlorophenol	7.526	128	307163	53.009	ng	98
9) Benzaldehyde	7.098	77	22281m	5.326	ng	
10) Phenol	7.150	94	380332	49.120	ng	99
11) bis(2-Chloroethyl)ether	7.385	93	276095	44.165	ng	99
12) 1,3-Dichlorobenzene	7.850	146	279740	46.423	ng	95
13) 1,4-Dichlorobenzene	7.997	146	288742	46.967	ng	98
14) 1,2-Dichlorobenzene	8.314	146	284774	47.267	ng	98
15) Benzyl Alcohol	8.196	79	292801	47.643	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.484	45	646821	45.847	ng	99
17) 2-Methylphenol	8.402	107	276289	47.267	ng	99
18) Hexachloroethane	9.048	117	106297	48.683	ng	93
19) n-Nitroso-di-n-propyla...	8.772	70	247767	42.823	ng	99
20) 3+4-Methylphenols	8.731	107	378135	47.241	ng	94
22) Acetophenone	8.784	105	468607	46.807	ng	# 99
24) Nitrobenzene	9.160	77	318941	45.203	ng	97
25) Isophorone	9.689	82	624608	42.619	ng	99
26) 2-Nitrophenol	9.871	139	136768	53.797	ng	99
27) 2,4-Dimethylphenol	9.930	122	236950	40.249	ng	99
28) bis(2-Chloroethoxy)met...	10.170	93	390448	45.126	ng	100
29) 2,4-Dichlorophenol	10.405	162	286049	52.913	ng	99
30) 1,2,4-Trichlorobenzene	10.623	180	289983	47.371	ng	100
31) Naphthalene	10.811	128	877088	44.658	ng	99
32) Benzoic acid	10.082	122	217010	54.349	ng	94
33) 4-Chloroaniline	10.911	127	153055	16.778	ng	98
34) Hexachlorobutadiene	11.105	225	189802	46.523	ng	100
35) Caprolactam	11.692	113	98286m	45.904	ng	
36) 4-Chloro-3-methylphenol	12.039	107	337694	48.898	ng	100
37) 2-Methylnaphthalene	12.415	142	624038	43.218	ng	99
38) 1-Methylnaphthalene	12.638	142	591943	43.395	ng	97
40) 1,2,4,5-Tetrachloroben...	12.785	216	365708	48.431	ng	99
41) Hexachlorocyclopentadiene	12.773	237	387172	100.838	ng	98
43) 2,4,6-Trichlorophenol	13.020	196	264533	54.406	ng	97

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44) 2,4,5-Trichlorophenol	13.096	196	287649	49.573	ng	99
46) 1,1'-Biphenyl	13.431	154	867170	46.742	ng	99
47) 2-Chloronaphthalene	13.467	162	684954	48.594	ng	100
48) 2-Nitroaniline	13.660	65	246228	52.939	ng	100
49) Acenaphthylene	14.313	152	1156445	48.828	ng	100
50) Dimethylphthalate	14.054	163	934001	44.989	ng	99
51) 2,6-Dinitrotoluene	14.160	165	191507	51.265	ng	96
52) Acenaphthene	14.653	154	780405m	52.481	ng	
53) 3-Nitroaniline	14.489	138	129890	32.813	ng	100
54) 2,4-Dinitrophenol	14.695	184	219748	152.069	ng	89
55) Dibenzofuran	14.994	168	1068838	45.569	ng	98
56) 4-Nitrophenol	14.794	139	358717	118.195	ng	97
57) 2,4-Dinitrotoluene	14.947	165	271684	55.255	ng	97
58) Fluorene	15.640	166	865549	45.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.212	232	262871	51.984	ng	99
60) Diethylphthalate	15.423	149	937791	44.899	ng	99
61) 4-Chlorophenyl-phenyle...	15.640	204	446979	44.881	ng	96
62) 4-Nitroaniline	15.652	138	201382	53.055	ng	97
63) Azobenzene	15.934	77	923900	45.394	ng	98
65) 4,6-Dinitro-2-methylph...	15.711	198	146982	55.899	ng	92
66) n-Nitrosodiphenylamine	15.852	169	809668	45.548	ng	97
67) 4-Bromophenyl-phenylether	16.534	248	305436	48.382	ng	98
68) Hexachlorobenzene	16.645	284	349788	49.082	ng	98
69) Atrazine	16.804	200	239021	38.451	ng	99
70) Pentachlorophenol	16.986	266	463015	99.571	ng	99
71) Phenanthrene	17.380	178	1457417	45.049	ng	98
72) Anthracene	17.474	178	1464131	44.563	ng	100
73) Carbazole	17.738	167	1318903	45.530	ng	99
74) Di-n-butylphthalate	18.320	149	1597515	44.234	ng	99
75) Fluoranthene	19.395	202	1717739	43.756	ng	99
77) Benzidine	19.571	184	372318	25.892	ng	98
78) Pyrene	19.753	202	1765350	46.223	ng	99
80) Butylbenzylphthalate	20.664	149	714429	51.280	ng	96
81) Benzo(a)anthracene	21.586	228	1758959	45.695	ng	98
82) 3,3'-Dichlorobenzidine	21.504	252	499855	38.458	ng	97
83) Chrysene	21.651	228	1663956	44.848	ng	97
84) Bis(2-ethylhexyl)phtha...	21.534	149	1063195	47.879	ng	97
85) Di-n-octyl phthalate	22.738	149	1864782	51.549	ng	99
87) Indeno(1,2,3-cd)pyrene	28.326	276	2123441	51.914	ng	98
88) Benzo(b)fluoranthene	23.755	252	1770978	53.072	ng	99
89) Benzo(k)fluoranthene	23.825	252	1732833	50.735	ng	100
90) Benzo(a)pyrene	24.601	252	1599240	49.316	ng	99
91) Dibenzo(a,h)anthracene	28.402	278	1794337	52.040	ng	98
92) Benzo(g,h,i)perylene	29.436	276	1678841	50.053	ng	98

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

