

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060792.D
 Acq On : 5 Apr 2024 12:19
 Operator : MA/JU
 Sample : P1957-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:38:23 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	7.953	152	55583	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	227734	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	185169	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	459831	20.000	ng	0.00
76) Chrysene-d12	21.601	240	422946	20.000	ng	0.00
86) Perylene-d12	24.739	264	505826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	378034	113.301	ng	0.00
7) Phenol-d6	7.118	99	504006	101.764	ng	0.00
23) Nitrobenzene-d5	9.110	82	365144	91.491	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	330547	157.256	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	918991	72.838	ng	0.00
79) Terphenyl-d14	19.956	244	1836963	76.478	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	46677	34.122	ng	# 35
3) Pyridine	3.863	79	105587	25.589	ng	94
4) n-Nitrosodimethylamine	3.769	42	97322	39.458	ng	94
6) Aniline	7.277	93	96542	15.436	ng	97
8) 2-Chlorophenol	7.524	128	148987	39.387	ng	96
9) Benzaldehyde	7.089	77	12920m	4.731	ng	
10) Phenol	7.148	94	182164	36.040	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	139422	34.165	ng	96
12) 1,3-Dichlorobenzene	7.847	146	150682	38.306	ng	98
13) 1,4-Dichlorobenzene	7.994	146	156074	38.890	ng	95
14) 1,2-Dichlorobenzene	8.305	146	150254	38.205	ng	98
15) Benzyl Alcohol	8.188	79	153883	38.357	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	330607	35.898	ng	99
17) 2-Methylphenol	8.393	107	132825	34.810	ng	97
18) Hexachloroethane	9.040	117	56226	39.448	ng	90
19) n-Nitroso-di-n-propyla...	8.758	70	125591	33.252	ng	94
20) 3+4-Methylphenols	8.722	107	181120	34.663	ng	93
22) Acetophenone	8.769	105	241621	38.478	ng	97
24) Nitrobenzene	9.151	77	179050	40.749	ng	97
25) Isophorone	9.674	82	336238	36.578	ng	100
26) 2-Nitrophenol	9.862	139	77465	49.488	ng	92
27) 2,4-Dimethylphenol	9.921	122	115752	31.347	ng	99
28) bis(2-Chloroethoxy)met...	10.162	93	195581	36.038	ng	100
29) 2,4-Dichlorophenol	10.397	162	151058	44.549	ng	99
30) 1,2,4-Trichlorobenzene	10.614	180	159234	41.471	ng	98
31) Naphthalene	10.802	128	464032	37.668	ng	100
32) Benzoic acid	10.039	122	110785	45.507	ng	96
33) 4-Chloroaniline	10.902	127	22223	3.884	ng	95
34) Hexachlorobutadiene	11.096	225	105236	41.125	ng	97
35) Caprolactam	11.666	113	49502m	36.859	ng	
36) 4-Chloro-3-methylphenol	12.030	107	188606	43.541	ng	96
37) 2-Methylnaphthalene	12.412	142	333425	36.815	ng	99
38) 1-Methylnaphthalene	12.630	142	317013	37.052	ng	99
40) 1,2,4,5-Tetrachloroben...	12.777	216	211213	39.676	ng	99
41) Hexachlorocyclopentadiene	12.765	237	214441	79.222	ng	97
43) 2,4,6-Trichlorophenol	13.012	196	151328	44.147	ng	94

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44) 2,4,5-Trichlorophenol	13.088	196	172247	42.107	ng	98
46) 1,1'-Biphenyl	13.423	154	488416	37.343	ng	99
47) 2-Chloronaphthalene	13.458	162	385507	38.795	ng	97
48) 2-Nitroaniline	13.658	65	152248	47.369	ng	96
49) Acenaphthylene	14.310	152	678060	40.610	ng	99
50) Dimethylphthalate	14.046	163	564986	38.603	ng	100
51) 2,6-Dinitrotoluene	14.157	165	117286	44.993	ng	95
52) Acenaphthene	14.651	154	459318m	43.814	ng	
53) 3-Nitroaniline	14.480	138	31485	13.153	ng	# 95
54) 2,4-Dinitrophenol	14.686	184	133558	131.100	ng	88
55) Dibenzofuran	14.986	168	655717	39.654	ng	99
56) 4-Nitrophenol	14.792	139	195930	91.573	ng	99
57) 2,4-Dinitrotoluene	14.945	165	176595	51.395	ng	91
58) Fluorene	15.638	166	534249	40.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	170581	47.849	ng	97
60) Diethylphthalate	15.415	149	567875	38.566	ng	97
61) 4-Chlorophenyl-phenyle...	15.632	204	282559	40.244	ng	98
62) 4-Nitroaniline	15.644	138	118912	44.438	ng	96
63) Azobenzene	15.926	77	554160	38.621	ng	96
65) 4,6-Dinitro-2-methylph...	15.708	198	98667	51.409	ng	98
66) n-Nitrosodiphenylamine	15.844	169	504038	38.358	ng	98
67) 4-Bromophenyl-phenylether	16.525	248	198281	42.489	ng	97
68) Hexachlorobenzene	16.643	284	225920	42.885	ng	97
69) Atrazine	16.795	200	155803	33.906	ng	97
70) Pentachlorophenol	16.983	266	317277	92.301	ng	96
71) Phenanthrene	17.377	178	942727	39.420	ng	99
72) Anthracene	17.465	178	953154	39.245	ng	100
73) Carbazole	17.730	167	841974	39.320	ng	99
74) Di-n-butylphthalate	18.311	149	1018271	38.142	ng	100
75) Fluoranthene	19.386	202	1150117	39.633	ng	98
77) Benzidine	19.574	184	65210m	5.855	ng	
78) Pyrene	19.751	202	1186033	40.096	ng	100
80) Butylbenzylphthalate	20.656	149	460245	42.653	ng	96
81) Benzo(a)anthracene	21.578	228	1218102	40.858	ng	99
82) 3,3'-Dichlorobenzidine	21.496	252	143135	14.219	ng	98
83) Chrysene	21.643	228	1164806	40.535	ng	100
84) Bis(2-ethylhexyl)phtha...	21.519	149	676341	39.326	ng	95
85) Di-n-octyl phthalate	22.724	149	1188110	42.405	ng	100
87) Indeno(1,2,3-cd)pyrene	28.311	276	1486384	41.728	ng	# 96
88) Benzo(b)fluoranthene	23.752	252	1204499	41.449	ng	99
89) Benzo(k)fluoranthene	23.817	252	1214034	40.817	ng	98
90) Benzo(a)pyrene	24.598	252	1125762	39.864	ng	99
91) Dibenzo(a,h)anthracene	28.382	278	1205234	40.138	ng	97
92) Benzo(g,h,i)perylene	29.422	276	1130317	38.697	ng	98

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

