

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055961.D
 Acq On : 14 Dec 2022 16:03
 Operator : CG/JU
 Sample : N5993-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC2-B1-W5MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 00:50:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	5819	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	21614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	19214	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	57343	20.000	ng	0.00
76) Chrysene-d12	22.025	240	63719	20.000	ng	0.00
86) Perylene-d12	25.515	264	78565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	39396	158.774	ng	0.00
7) Phenol-d6	7.500	99	47049	147.431	ng	0.00
23) Nitrobenzene-d5	9.545	82	28409	91.852	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	68655	148.185	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	122769	89.613	ng	0.00
79) Terphenyl-d14	20.291	244	354764	98.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.717	88	3933	54.467	ng	95
3) Pyridine	4.128	79	10450	43.975	ng	99
4) n-Nitrosodimethylamine	4.034	42	10347	48.436	ng	92
6) Aniline	7.683	93	12517	32.760	ng	98
8) 2-Chlorophenol	7.923	128	17462	54.549	ng	96
9) Benzaldehyde	7.495	77	6461	32.238	ng	99
10) Phenol	7.524	94	18253	52.261	ng	97
11) bis(2-Chloroethyl)ether	7.771	93	10868	47.771	ng	95
12) 1,3-Dichlorobenzene	8.258	146	20716	50.027	ng	92
13) 1,4-Dichlorobenzene	8.411	146	21179	50.045	ng	99
14) 1,2-Dichlorobenzene	8.728	146	20568	50.855	ng	97
15) Benzyl Alcohol	8.599	79	15998	48.246	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.899	45	14996	50.646	ng	95
17) 2-Methylphenol	8.793	107	14025	51.037	ng	# 92
18) Hexachloroethane	9.475	117	6512	50.692	ng	# 78
19) n-Nitroso-di-n-propyla...	9.175	70	10341	45.207	ng	# 94
20) 3+4-Methylphenols	9.122	107	19306	49.231	ng	92
22) Acetophenone	9.198	105	25624	47.824	ng	99
24) Nitrobenzene	9.586	77	16411	52.714	ng	98
25) Isophorone	10.109	82	31235	48.161	ng	99
26) 2-Nitrophenol	10.303	139	9687	52.562	ng	92
27) 2,4-Dimethylphenol	10.344	122	18186m	58.757	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	15510	54.110	ng	96
29) 2,4-Dichlorophenol	10.838	162	22754	51.795	ng	96
30) 1,2,4-Trichlorobenzene	11.061	180	27671	48.454	ng	97
31) Naphthalene	11.255	128	54146	47.477	ng	98
32) Benzoic acid	10.462	122	11579	44.143	ng	95
33) 4-Chloroaniline	11.349	127	8442	17.267	ng	96
34) Hexachlorobutadiene	11.537	225	25187	46.913	ng	96
35) Caprolactam	12.113	113	5727m	46.790	ng	
36) 4-Chloro-3-methylphenol	12.436	107	20756	50.386	ng	93
37) 2-Methylnaphthalene	12.835	142	46009	45.663	ng	96
38) 1-Methylnaphthalene	13.047	142	43752	44.573	ng	97
40) 1,2,4,5-Tetrachloroben...	13.194	216	41833	51.603	ng	# 99
41) Hexachlorocyclopentadiene	13.170	237	62532	135.968	ng	97
43) 2,4,6-Trichlorophenol	13.417	196	26735	55.712	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.488	196	29601	54.720	ng	93
46) 1,1'-Biphenyl	13.817	154	68328	52.464	ng	97
47) 2-Chloronaphthalene	13.869	162	53647	50.695	ng	97
48) 2-Nitroaniline	14.057	65	11935	56.672	ng	98
49) Acenaphthylene	14.704	152	87420	51.754	ng	99
50) Dimethylphthalate	14.422	163	81596	49.120	ng	99
51) 2,6-Dinitrotoluene	14.539	165	15790	61.425	ng	94
52) Acenaphthene	15.045	154	62404	55.031	ng	96
53) 3-Nitroaniline	14.862	138	6878	26.305	ng	92
54) 2,4-Dinitrophenol	15.068	184	19116	100.029	ng	# 82
55) Dibenzofuran	15.374	168	97462	51.110	ng	98
56) 4-Nitrophenol	15.150	139	24317	116.054	ng	97
57) 2,4-Dinitrotoluene	15.321	165	22758	58.650	ng	96
58) Fluorene	16.020	166	79426	50.953	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.591	232	33923	54.892	ng	99
60) Diethylphthalate	15.773	149	79478	48.951	ng	97
61) 4-Chlorophenyl-phenyle...	16.002	204	56035	52.768	ng	97
62) 4-Nitroaniline	16.026	138	15020	52.748	ng	92
63) Azobenzene	16.296	77	55939	56.605	ng	97
65) 4,6-Dinitro-2-methylph...	16.079	198	13514	49.334	ng	93
66) n-Nitrosodiphenylamine	16.214	169	73327	48.797	ng	98
67) 4-Bromophenyl-phenylether	16.895	248	38599	45.937	ng	96
68) Hexachlorobenzene	17.019	284	52479	50.706	ng	97
69) Atrazine	17.148	200	37744	55.473	ng	98
70) Pentachlorophenol	17.354	266	62070	104.903	ng	96
71) Phenanthrene	17.759	178	145906	48.553	ng	99
72) Anthracene	17.847	178	149000	50.118	ng	99
73) Carbazole	18.112	167	121954	49.737	ng	99
74) Di-n-butylphthalate	18.646	149	134935	47.320	ng	99
75) Fluoranthene	19.745	202	197671	46.975	ng	100
77) Benzidine	19.909	184	50947	45.529	ng	100
78) Pyrene	20.103	202	198087	51.375	ng	99
80) Butylbenzylphthalate	20.979	149	58369	53.424	ng	99
81) Benzo(a)anthracene	22.001	228	227642	50.770	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	45920	28.465	ng	99
83) Chrysene	22.078	228	213279	50.753	ng	99
84) Bis(2-ethylhexyl)phtha...	21.884	149	85464	52.651	ng	97
85) Di-n-octyl phthalate	23.194	149	143803	52.227	ng	99
87) Indeno(1,2,3-cd)pyrene	29.545	276	310613	49.165	ng	100
88) Benzo(b)fluoranthene	24.404	252	258193	50.779	ng	99
89) Benzo(k)fluoranthene	24.475	252	247972	48.881	ng	98
90) Benzo(a)pyrene	25.356	252	230391	53.605	ng	97
91) Dibenzo(a,h)anthracene	29.616	278	264212	49.966	ng	98
92) Benzo(g,h,i)perylene	30.820	276	254465	49.772	ng	98

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

