

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058751.D
 Acq On : 16 Aug 2023 16:47
 Operator : MA/JU
 Sample : PB154435BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154435BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 17:58:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	26390	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	112399	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	85360	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	215755	20.000	ng	0.00
76) Chrysene-d12	21.448	240	182246	20.000	ng	0.00
86) Perylene-d12	24.521	264	229448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	247696	143.461	ng	0.00
7) Phenol-d6	6.988	99	341938	142.326	ng	0.00
23) Nitrobenzene-d5	8.974	82	211827	92.581	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	188002	134.372	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	506436	88.911	ng	0.00
79) Terphenyl-d14	19.826	244	943655	97.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	27731	33.145	ng	# 87
3) Pyridine	3.657	79	71075	31.160	ng	# 77
4) n-Nitrosodimethylamine	3.580	42	48757	50.449	ng	83
6) Aniline	7.135	93	84974	28.727	ng	96
8) 2-Chlorophenol	7.376	128	89830	53.034	ng	97
9) Benzaldehyde	6.947	77	45991	35.235	ng	95
10) Phenol	7.012	94	123141	52.470	ng	94
11) bis(2-Chloroethyl)ether	7.235	93	82829	44.768	ng	96
12) 1,3-Dichlorobenzene	7.699	146	86012	47.555	ng	98
13) 1,4-Dichlorobenzene	7.846	146	88280	48.610	ng	98
14) 1,2-Dichlorobenzene	8.163	146	85864	49.452	ng	98
15) Benzyl Alcohol	8.052	79	91190	59.851	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	178724m	59.467	ng	
17) 2-Methylphenol	8.263	107	85253	49.682	ng	98
18) Hexachloroethane	8.886	117	32439	49.143	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	72639	46.808	ng	91
20) 3+4-Methylphenols	8.586	107	115338	49.691	ng	98
22) Acetophenone	8.633	105	142784	47.443	ng	93
24) Nitrobenzene	9.021	77	108360	46.585	ng	95
25) Isophorone	9.538	82	215878	45.665	ng	99
26) 2-Nitrophenol	9.726	139	48666	48.064	ng	93
27) 2,4-Dimethylphenol	9.791	122	82714	49.249	ng	95
28) bis(2-Chloroethoxy)met...	10.020	93	116413	45.249	ng	99
29) 2,4-Dichlorophenol	10.267	162	94263	54.055	ng	97
30) 1,2,4-Trichlorobenzene	10.472	180	97352	48.408	ng	98
31) Naphthalene	10.660	128	275625	46.526	ng	99
32) Benzoic acid	9.967	122	52333	41.499	ng	98
33) 4-Chloroaniline	10.778	127	55998	22.373	ng	97
34) Hexachlorobutadiene	10.937	225	64257	49.615	ng	98
35) Caprolactam	11.559	113	33312m	51.730	ng	
36) 4-Chloro-3-methylphenol	11.912	107	116040	53.793	ng	96
37) 2-Methylnaphthalene	12.276	142	193124	45.574	ng	96
38) 1-Methylnaphthalene	12.499	142	189159	46.959	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	117400	44.798	ng	99
41) Hexachlorocyclopentadiene	12.623	237	97278	79.926	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	85690	47.539	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	96966	45.672	ng	98
46) 1,1'-Biphenyl	13.287	154	267393	45.614	ng	99
47) 2-Chloronaphthalene	13.334	162	213256	46.657	ng	98
48) 2-Nitroaniline	13.545	65	87740	50.292	ng	98
49) Acenaphthylene	14.180	152	363518	47.504	ng	99
50) Dimethylphthalate	13.915	163	307256	47.928	ng	99
51) 2,6-Dinitrotoluene	14.045	165	70314	49.987	ng	98
52) Acenaphthene	14.521	154	203285	45.974	ng	99
53) 3-Nitroaniline	14.374	138	39010	27.719	ng	91
54) 2,4-Dinitrophenol	14.591	184	77039	95.550	ng	94
55) Dibenzofuran	14.855	168	355582	46.800	ng	98
56) 4-Nitrophenol	14.697	139	99292	94.582	ng	87
57) 2,4-Dinitrotoluene	14.838	165	99885	51.220	ng	# 98
58) Fluorene	15.508	166	291294	48.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.090	232	88179	48.673	ng	97
60) Diethylphthalate	15.278	149	325208	49.795	ng	99
61) 4-Chlorophenyl-phenylether	15.496	204	158618	47.137	ng	95
62) 4-Nitroaniline	15.543	138	68549	51.418	ng	93
63) Azobenzene	15.790	77	300932	46.781	ng	96
65) 4,6-Dinitro-2-methylph...	15.602	198	59158	49.727	ng	98
66) n-Nitrosodiphenylamine	15.719	169	261159	46.507	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	110935	45.333	ng	98
68) Hexachlorobenzene	16.512	284	124642	48.067	ng	96
69) Atrazine	16.665	200	108678	57.330	ng	97
70) Pentachlorophenol	16.859	266	117009	74.549	ng	98
71) Phenanthrene	17.247	178	481857	47.093	ng	99
72) Anthracene	17.341	178	489547	46.628	ng	99
73) Carbazole	17.611	167	448115	48.402	ng	99
74) Di-n-butylphthalate	18.163	149	560831	48.363	ng	99
75) Fluoranthene	19.262	202	586797	47.742	ng	97
77) Benzidine	19.450	184	167028	60.439	ng	98
78) Pyrene	19.626	202	594672	47.946	ng	98
80) Butylbenzylphthalate	20.508	149	250455	49.161	ng	99
81) Benzo(a)anthracene	21.430	228	597416	47.633	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	156633	36.937	ng	99
83) Chrysene	21.495	228	560714	46.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	363242	48.791	ng	99
85) Di-n-octyl phthalate	22.482	149	634003	48.438	ng	96
87) Indeno(1,2,3-cd)pyrene	28.022	276	747743	48.986	ng	98
88) Benzo(b)fluoranthene	23.545	252	648937	52.145	ng	100
89) Benzo(k)fluoranthene	23.610	252	602384	48.183	ng	99
90) Benzo(a)pyrene	24.374	252	566151	46.324	ng	99
91) Dibenzo(a,h)anthracene	28.075	278	628228	49.774	ng	98
92) Benzo(g,h,i)perylene	29.115	276	588066	46.464	ng	99

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

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