Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058696.D
Acq On   : 11 Aug 2023   9:44
Operator : MA/JU
Sample   : PB154717BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB154717BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel   08/11/2023
Supervised By :mohammad ahmed   08/12/2023

Quant Time: Aug 11 10:18:08 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	7.809	152	48569	20.000 ng	0.00
21) Naphthalene-d8	10.611	136	210690	20.000 ng	0.00
39) Acenaphthene-d10	14.460	164	147913	20.000 ng	0.00
64) Phenanthrene-d10	17.204	188	366231	20.000 ng	0.00
76) Chrysene-d12	21.452	240	324619	20.000 ng	0.00
86) Perylene-d12	24.519	264	412239	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.382	112	387265	121.872 ng	0.00
7) Phenol-d6	6.986	99	523685	118.437 ng	0.00
23) Nitrobenzene-d5	8.978	82	311949	72.735 ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	258519	106.632 ng	0.00
45) 2-Fluorobiphenyl	13.079	172	710538	71.989 ng	0.00
79) Terphenyl-d14	19.824	244	1360973	78.842 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.261	88	48878	31.743 ng	99
3) Pyridine	3.661	79	121617	28.970 ng	99
4) n-Nitrosodimethylamine	3.578	42	71009	39.921 ng	98
6) Aniline	7.139	93	180118	33.086 ng	99
8) 2-Chlorophenol	7.374	128	143668	46.087 ng	98
9) Benzaldehyde	6.951	77	76934	32.025 ng	99
10) Phenol	7.010	94	198284	45.907 ng	99
11) bis(2-Chloroethyl)ether	7.233	93	139547	40.981 ng	97
12) 1,3-Dichlorobenzene	7.697	146	137785	41.392 ng	98
13) 1,4-Dichlorobenzene	7.844	146	139738	41.808 ng	97
14) 1,2-Dichlorobenzene	8.161	146	135543	42.416 ng	96
15) Benzyl Alcohol	8.056	79	137989	49.210 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.332	45	237221m	42.887 ng	
17) 2-Methylphenol	8.261	107	136086	43.090 ng	98
18) Hexachloroethane	8.890	117	51604	42.478 ng	89
19) n-Nitroso-di-n-propyla...	8.620	70	116526	40.800 ng	96
20) 3+4-Methylphenols	8.590	107	186207	43.589 ng	99
22) Acetophenone	8.637	105	224028	39.711 ng	# 99
24) Nitrobenzene	9.019	77	170492	39.102 ng	96
25) Isophorone	9.536	82	337770	38.117 ng	99
26) 2-Nitrophenol	9.730	139	75787	39.931 ng	99
27) 2,4-Dimethylphenol	9.789	122	128143	40.703 ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	193354	40.094 ng	98
29) 2,4-Dichlorophenol	10.265	162	140265	42.911 ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	148463	39.383 ng	99
31) Naphthalene	10.664	128	429314	38.661 ng	99
32) Benzoic acid	9.959	122	68898	30.505 ng	98
33) 4-Chloroaniline	10.782	127	117592	25.064 ng	98
34) Hexachlorobutadiene	10.940	225	92423	38.071 ng	98
35) Caprolactam	11.557	113	51023m	42.270 ng	
36) 4-Chloro-3-methylphenol	11.910	107	169397	41.893 ng	99
37) 2-Methylnaphthalene	12.274	142	299180	37.665 ng	96
38) 1-Methylnaphthalene	12.497	142	286696	37.969 ng	100
40) 1,2,4,5-Tetrachloroben...	12.650	216	174155	38.351 ng	100
41) Hexachlorocyclopentadiene	12.621	237	144835	69.633 ng	98
43) 2,4,6-Trichlorophenol	12.897	196	123910	39.671 ng	97

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Acq On    : 11 Aug 2023   9:44
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Sample    : PB154717BS
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Quant Time: Aug 11 10:18:08 2023
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Instrument :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	136690	37.155 ng	98
46) 1,1'-Biphenyl	13.291	154	396823	39.065 ng	99
47) 2-Chloronaphthalene	13.338	162	317682	40.110 ng	99
48) 2-Nitroaniline	13.543	65	124213	41.088 ng	98
49) Acenaphthylene	14.184	152	533650	40.244 ng	100
50) Dimethylphthalate	13.919	163	437404	39.375 ng	99
51) 2,6-Dinitrotoluene	14.043	165	97728	40.095 ng	96
52) Acenaphthene	14.524	154	298515	38.960 ng	98
53) 3-Nitroaniline	14.378	138	73338	30.073 ng	92
54) 2,4-Dinitrophenol	14.589	184	105518	77.094 ng	99
55) Dibenzofuran	14.859	168	512538	38.929 ng	98
56) 4-Nitrophenol	14.695	139	151911	83.898 ng	95
57) 2,4-Dinitrotoluene	14.836	165	139282	41.218 ng	91
58) Fluorene	15.512	166	409763	39.178 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	128381	40.895 ng	98
60) Diethylphthalate	15.282	149	453466	40.070 ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	227338	38.988 ng	99
62) 4-Nitroaniline	15.541	138	103085	44.623 ng	98
63) Azobenzene	15.794	77	443093	39.751 ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	82943	41.074 ng	98
66) n-Nitrosodiphenylamine	15.717	169	371503	38.974 ng	98
67) 4-Bromophenyl-phenylether	16.393	248	159472	38.391 ng	96
68) Hexachlorobenzene	16.516	284	177998	40.439 ng	99
69) Atrazine	16.669	200	156346	48.588 ng	98
70) Pentachlorophenol	16.863	266	176594	66.284 ng	98
71) Phenanthrene	17.251	178	691199	39.797 ng	100
72) Anthracene	17.339	178	709181	39.794 ng	99
73) Carbazole	17.615	167	670367	42.657 ng	100
74) Di-n-butylphthalate	18.167	149	825738	41.949 ng	99
75) Fluoranthene	19.266	202	864699	41.447 ng	100
77) Benzidine	19.448	184	362371	73.615 ng	98
78) Pyrene	19.630	202	888765	40.230 ng	99
80) Butylbenzylphthalate	20.512	149	364872	40.208 ng	99
81) Benzo(a)anthracene	21.434	228	913841	40.906 ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	271747	35.977 ng	98
83) Chrysene	21.499	228	846097	39.502 ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	528235	39.834 ng	98
85) Di-n-octyl phthalate	22.486	149	953046	40.878 ng	99
87) Indeno(1,2,3-cd)pyrene	28.032	276	1149910	41.929 ng	99
88) Benzo(b)fluoranthene	23.549	252	944634	42.249 ng	99
89) Benzo(k)fluoranthene	23.614	252	937887	41.755 ng	99
90) Benzo(a)pyrene	24.378	252	864580	39.374 ng	99
91) Dibenzo(a,h)anthracene	28.079	278	953897	42.065 ng	99
92) Benzo(g,h,i)perylene	29.119	276	908959	39.974 ng	98

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

Quantitation Report (QT Reviewed)

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