Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056186.D
Acq On : 3 Jan 2023 14:51
Operator : CG/JU
Sample : PB150009BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 02:13:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150009BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
01/04/2023
Supervised By :Yogesh Patel
01/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.335	152	46818	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	201360	20.000	ng	#	0.00
39) Acenaphthene-d10	14.951	164	185449	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	481818	20.000	ng		0.00
76) Chrysene-d12	21.984	240	478843	20.000	ng		0.00
86) Perylene-d12	25.445	264	465476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.856	112	389371	148.494	ng		0.00
7) Phenol-d6	7.477	99	573433	142.403	ng		0.00
23) Nitrobenzene-d5	9.516	82	291473	74.043	ng		0.00
42) 2,4,6-Tribromophenol	16.432	330	293692	125.045	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	998176	74.327	ng		0.00
79) Terphenyl-d14	20.257	244	2062966	77.163	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.670	88	36464	30.445	ng	#	96
3) Pyridine	4.087	79	92432	25.339	ng		94
4) n-Nitrosodimethylamine	3.999	42	28290	38.125	ng	#	97
6) Aniline	7.648	93	136846	25.914	ng		97
8) 2-Chlorophenol	7.895	128	138282	52.996	ng		94
10) Phenol	7.501	94	204782	50.145	ng		96
11) bis(2-Chloroethyl)ether	7.742	93	121354	43.850	ng		94
12) 1,3-Dichlorobenzene	8.229	146	145065	45.680	ng		96
13) 1,4-Dichlorobenzene	8.376	146	148915	46.697	ng		98
14) 1,2-Dichlorobenzene	8.700	146	146813	47.713	ng		98
15) Benzyl Alcohol	8.570	79	137663	46.972	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.864	45	23110	47.255	ng		95
17) 2-Methylphenol	8.770	107	140588	46.916	ng		96
18) Hexachloroethane	9.440	117	43972	45.390	ng		97
19) n-Nitroso-di-n-propyla...	9.140	70	100574	41.073	ng		97
20) 3+4-Methylphenols	9.099	107	194400	46.143	ng		96
22) Acetophenone	9.164	105	227403	39.941	ng	#	99
24) Nitrobenzene	9.557	77	148826	38.149	ng		97
25) Isophorone	10.080	82	312238	37.698	ng	#	94
26) 2-Nitrophenol	10.268	139	85048	42.609	ng		99
27) 2,4-Dimethylphenol	10.315	122	161292	44.304	ng		97
28) bis(2-Chloroethoxy)met...	10.550	93	174057	40.433	ng		98
29) 2,4-Dichlorophenol	10.809	162	183320	45.547	ng		93
30) 1,2,4-Trichlorobenzene	11.026	180	187121	40.969	ng		97
31) Naphthalene	11.220	128	436575	41.197	ng		99
32) Benzoic acid	10.450	122	122195	45.238	ng		95
33) 4-Chloroaniline	11.320	127	93000	18.381	ng		98
34) Hexachlorobutadiene	11.496	225	133594	40.668	ng		94
35) Caprolactam	12.090	113	60098m	44.103	ng		
36) 4-Chloro-3-methylphenol	12.413	107	179271	43.895	ng		96
37) 2-Methylnaphthalene	12.801	142	355178	39.694	ng		98
38) 1-Methylnaphthalene	13.018	142	335252	40.347	ng		96
40) 1,2,4,5-Tetrachloroben...	13.159	216	267365	38.467	ng		98
41) Hexachlorocyclopentadiene	13.136	237	328040	82.782	ng		94
43) 2,4,6-Trichlorophenol	13.394	196	192739	41.936	ng		100
44) 2,4,5-Trichlorophenol	13.465	196	209343	38.505	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.788	154	533042	40.135	ng		98
47)	2-Chloronaphthalene	13.841	162	426103	40.647	ng		98
48)	2-Nitroaniline	14.029	65	91927	41.157	ng		97
49)	Acenaphthylene	14.675	152	662745	38.849	ng		99
50)	Dimethylphthalate	14.387	163	587185	39.223	ng		98
51)	2,6-Dinitrotoluene	14.516	165	129673	40.650	ng		93
52)	Acenaphthene	15.016	154	502586m	45.297	ng		
53)	3-Nitroaniline	14.845	138	74349	24.490	ng		97
54)	2,4-Dinitrophenol	15.051	184	205572	90.208	ng		96
55)	Dibenzofuran	15.345	168	721769	39.311	ng		98
56)	4-Nitrophenol	15.139	139	202140	86.574	ng		91
57)	2,4-Dinitrotoluene	15.298	165	188858	42.333	ng		90
58)	Fluorene	15.991	166	579207	39.221	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.562	232	207390m	40.626	ng		
60)	Diethylphthalate	15.738	149	551198	39.261	ng		99
61)	4-Chlorophenyl-phenyle...	15.973	204	359777	39.038	ng		99
62)	4-Nitroaniline	16.003	138	120208	38.654	ng		99
63)	Azobenzene	16.267	77	417965	38.579	ng		96
65)	4,6-Dinitro-2-methylph...	16.056	198	133312	41.067	ng		94
66)	n-Nitrosodiphenylamine	16.185	169	546118	40.852	ng		96
67)	4-Bromophenyl-phenylether	16.866	248	247790	40.386	ng		98
68)	Hexachlorobenzene	16.990	284	247789	43.288	ng		99
69)	Atrazine	17.113	200	132087	23.841	ng		97
70)	Pentachlorophenol	17.331	266	336402	76.504	ng		98
71)	Phenanthrene	17.730	178	1024880	41.046	ng		98
72)	Anthracene	17.818	178	1022695	39.705	ng		99
73)	Carbazole	18.083	167	899415	41.541	ng		98
74)	Di-n-butylphthalate	18.611	149	905929	41.975	ng		98
75)	Fluoranthene	19.716	202	1298092	39.855	ng		99
77)	Benzidine	19.881	184	249615	14.875	ng		98
78)	Pyrene	20.080	202	1299776	38.511	ng		99
80)	Butylbenzylphthalate	20.938	149	381833	39.434	ng		98
81)	Benzo(a)anthracene	21.960	228	1292438	38.428	ng		99
82)	3,3'-Dichlorobenzidine	21.861	252	405478	33.491	ng		99
83)	Chrysene	22.037	228	1208841	38.371	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.831	149	555278	39.804	ng		97
85)	Di-n-octyl phthalate	23.118	149	946208	40.178	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.440	276	1492376	44.085	ng	#	97
88)	Benzo(b)fluoranthene	24.340	252	1373084	46.428	ng		99
89)	Benzo(k)fluoranthene	24.416	252	1338197	45.439	ng		99
90)	Benzo(a)pyrene	25.286	252	1193862	41.388	ng		99
91)	Dibenzo(a,h)anthracene	29.505	278	1294066	45.595	ng		99
92)	Benzo(g,h,i)perylene	30.691	276	1227476	44.598	ng		98

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

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