Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056484.D
Acq On : 31 Jan 2023 13:48
Operator : CG/JU
Sample : PB150355BS
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 01 01:18:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	31747	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	127106	20.000	ng	0.00
39) Acenaphthene-d10	14.901	164	107987	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	279117	20.000	ng	0.00
76) Chrysene-d12	21.928	240	269809	20.000	ng	0.00
86) Perylene-d12	25.353	264	297877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	267433	154.964	ng	0.00
7) Phenol-d6	7.421	99	371719	145.371	ng	0.00
23) Nitrobenzene-d5	9.454	82	192159	85.848	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	190865	132.949	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	660446	84.793	ng	0.00
79) Terphenyl-d14	20.212	244	1354345	88.163	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	24493	34.084	ng	# 96
3) Pyridine	4.013	79	71146	33.213	ng	97
4) n-Nitrosodimethylamine	3.925	42	18376	40.339	ng	97
6) Aniline	7.586	93	127449	38.069	ng	99
8) 2-Chlorophenol	7.838	128	89759	47.345	ng	99
9) Benzaldehyde	7.398	77	34836	27.012	ng	98
10) Phenol	7.451	94	124766	48.007	ng	97
11) bis(2-Chloroethyl)ether	7.680	93	78977	44.211	ng	97
12) 1,3-Dichlorobenzene	8.162	146	97624	44.724	ng	99
13) 1,4-Dichlorobenzene	8.314	146	98463	44.542	ng	99
14) 1,2-Dichlorobenzene	8.637	146	96186	44.847	ng	98
15) Benzyl Alcohol	8.508	79	77569	44.214	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.796	45	16048	42.399	ng	94
17) 2-Methylphenol	8.714	107	86309	43.653	ng	92
18) Hexachloroethane	9.372	117	29384	43.948	ng	89
19) n-Nitroso-di-n-propyla...	9.078	70	60745	41.223	ng	99
20) 3+4-Methylphenols	9.043	107	119948	43.290	ng	96
22) Acetophenone	9.102	105	142821	42.290	ng	97
24) Nitrobenzene	9.495	77	92470	42.829	ng	99
25) Isophorone	10.018	82	186451	40.376	ng	99
26) 2-Nitrophenol	10.212	139	56135	42.852	ng	96
27) 2,4-Dimethylphenol	10.259	122	100676m	45.922	ng	
28) bis(2-Chloroethoxy)met...	10.488	93	109891	43.077	ng	98
29) 2,4-Dichlorophenol	10.753	162	114324	46.327	ng	95
30) 1,2,4-Trichlorobenzene	10.970	180	120787	44.046	ng	100
31) Naphthalene	11.164	128	283811	42.305	ng	99
32) Benzoic acid	10.406	122	48070m	39.191	ng	
33) 4-Chloroaniline	11.264	127	103444	33.033	ng	99
34) Hexachlorobutadiene	11.434	225	85152	44.237	ng	94
35) Caprolactam	12.033	113	35261m	42.367	ng	
36) 4-Chloro-3-methylphenol	12.368	107	107537	45.123	ng	97
37) 2-Methylnaphthalene	12.744	142	226033	40.868	ng	98
38) 1-Methylnaphthalene	12.962	142	209723	40.602	ng	97
40) 1,2,4,5-Tetrachloroben...	13.109	216	166039	42.087	ng	100
41) Hexachlorocyclopentadiene	13.079	237	187998	89.106	ng	99
43) 2,4,6-Trichlorophenol	13.344	196	110429	43.436	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	118963	39.966	ng	98
46) 1,1'-Biphenyl	13.737	154	329238	42.035	ng	99
47) 2-Chloronaphthalene	13.784	162	266022	43.452	ng	99
48) 2-Nitroaniline	13.984	65	52928	41.820	ng	99
49) Acenaphthylene	14.625	152	419193	42.085	ng	100
50) Dimethylphthalate	14.337	163	361204	41.345	ng	98
51) 2,6-Dinitrotoluene	14.466	165	80181	42.085	ng	99
52) Acenaphthene	14.965	154	245571	41.575	ng	98
53) 3-Nitroaniline	14.801	138	58316	31.572	ng	99
54) 2,4-Dinitrophenol	15.012	184	108930	91.199	ng	97
55) Dibenzofuran	15.294	168	444203	41.933	ng	100
56) 4-Nitrophenol	15.106	139	113536	89.959	ng	97
57) 2,4-Dinitrotoluene	15.253	165	115141	42.905	ng	97
58) Fluorene	15.941	166	356082	42.244	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.518	232	119708	45.231	ng	98
60) Diethylphthalate	15.688	149	344394	41.980	ng	100
61) 4-Chlorophenyl-phenyle...	15.917	204	218483	42.478	ng	97
62) 4-Nitroaniline	15.958	138	76886	41.600	ng	97
63) Azobenzene	16.211	77	241770	42.831	ng	96
65) 4,6-Dinitro-2-methylph...	16.017	198	79699	40.614	ng	99
66) n-Nitrosodiphenylamine	16.135	169	331419	41.938	ng	99
67) 4-Bromophenyl-phenylether	16.816	248	150213	42.039	ng	96
68) Hexachlorobenzene	16.945	284	154826	44.240	ng	98
69) Atrazine	17.069	200	137542	45.114	ng	98
70) Pentachlorophenol	17.286	266	156164	73.746	ng	97
71) Phenanthrene	17.680	178	617535	42.272	ng	99
72) Anthracene	17.774	178	632063	42.149	ng	99
73) Carbazole	18.038	167	545540	42.714	ng	98
74) Di-n-butylphthalate	18.561	149	556363	41.487	ng	99
75) Fluoranthene	19.672	202	780800	42.348	ng	100
77) Benzidine	19.836	184	333384	45.661	ng	99
78) Pyrene	20.030	202	790270	41.183	ng	100
80) Butylbenzylphthalate	20.888	149	242147	41.318	ng	98
81) Benzo(a)anthracene	21.904	228	799185	42.369	ng	99
82) 3,3'-Dichlorobenzidine	21.810	252	213044	31.364	ng	99
83) Chrysene	21.975	228	746136	42.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.763	149	349477	41.593	ng	98
85) Di-n-octyl phthalate	23.038	149	599004	42.808	ng	100
87) Indeno(1,2,3-cd)pyrene	29.296	276	954498	43.774	ng	100
88) Benzo(b)fluoranthene	24.260	252	837712	45.309	ng	99
89) Benzo(k)fluoranthene	24.331	252	830092	44.468	ng	99
90) Benzo(a)pyrene	25.189	252	742483	40.767	ng	99
91) Dibenzo(a,h)anthracene	29.354	278	800920	43.759	ng	98
92) Benzo(g,h,i)perylene	30.535	276	772299	43.730	ng	99

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

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