Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058611.D
Acq On : 4 Aug 2023 14:48
Operator : MA/JU
Sample : 03625-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 04 15:32:06 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

Instrument :
BNA_G
ClientSampleId :
RBR200018MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/07/2023
Supervised By :mohammad ahmed
08/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	55347	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	235295	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	158824	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	363672	20.000	ng	0.00
76) Chrysene-d12	21.454	240	310244	20.000	ng	0.00
86) Perylene-d12	24.521	264	384928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	445403	123.002	ng	0.00
7) Phenol-d6	6.989	99	580362	115.181	ng	0.00
23) Nitrobenzene-d5	8.981	82	403447	84.232	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	309386	118.847	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	893018	84.261	ng	0.00
79) Terphenyl-d14	19.827	244	1527455	92.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	56193	32.025	ng	# 70
3) Pyridine	3.681	79	145649	30.446	ng	96
4) n-Nitrosodimethylamine	3.587	42	78793	38.873	ng	94
6) Aniline	7.142	93	128603	20.730	ng	98
8) 2-Chlorophenol	7.377	128	166533	46.879	ng	99
9) Benzaldehyde	6.948	77	61855	22.595	ng	98
10) Phenol	7.012	94	210174	42.701	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	159222	41.033	ng	98
12) 1,3-Dichlorobenzene	7.700	146	144392	38.065	ng	99
13) 1,4-Dichlorobenzene	7.847	146	147503	38.727	ng	96
14) 1,2-Dichlorobenzene	8.164	146	148468	40.771	ng	98
15) Benzyl Alcohol	8.052	79	164088	51.351	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	268800	42.645	ng	98
17) 2-Methylphenol	8.264	107	156544	43.498	ng	98
18) Hexachloroethane	8.887	117	53156	38.397	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	137174	42.147	ng	99
20) 3+4-Methylphenols	8.593	107	218126	44.808	ng	99
22) Acetophenone	8.640	105	265731	42.178	ng	# 99
24) Nitrobenzene	9.022	77	202826	41.654	ng	98
25) Isophorone	9.539	82	405916	41.017	ng	99
26) 2-Nitrophenol	9.727	139	93833	44.269	ng	98
27) 2,4-Dimethylphenol	9.791	122	164657	46.832	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	235777	43.779	ng	99
29) 2,4-Dichlorophenol	10.267	162	171908	47.091	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	175811	41.761	ng	97
31) Naphthalene	10.667	128	505927	40.796	ng	99
32) Benzoic acid	9.903	122	15722	9.863	ng	99
33) 4-Chloroaniline	10.784	127	46329	8.842	ng	97
34) Hexachlorobutadiene	10.943	225	105260	38.824	ng	96
35) Caprolactam	11.566	113	53079m	39.375	ng	
36) 4-Chloro-3-methylphenol	11.913	107	208228	46.111	ng	98
37) 2-Methylnaphthalene	12.277	142	363028	40.923	ng	99
38) 1-Methylnaphthalene	12.500	142	347957	41.264	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	213013	43.686	ng	99
41) Hexachlorocyclopentadiene	12.623	237	109599	51.084	ng	100
43) 2,4,6-Trichlorophenol	12.894	196	157553	46.977	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	173825	44.003	ng		97
46) 1,1'-Biphenyl	13.293	154	484191	44.392	ng		99
47) 2-Chloronaphthalene	13.334	162	385690	45.352	ng		97
48) 2-Nitroaniline	13.546	65	152885	47.098	ng		97
49) Acenaphthylene	14.186	152	623098	43.762	ng		100
50) Dimethylphthalate	13.922	163	533561	44.731	ng		99
51) 2,6-Dinitrotoluene	14.045	165	117747	44.989	ng		98
52) Acenaphthene	14.527	154	366937	44.600	ng		97
53) 3-Nitroaniline	14.374	138	76478	29.207	ng		98
54) 2,4-Dinitrophenol	14.586	184	38511	31.145	ng		95
55) Dibenzofuran	14.862	168	617137	43.654	ng		99
56) 4-Nitrophenol	14.698	139	157905	81.324	ng		97
57) 2,4-Dinitrotoluene	14.833	165	162562	44.802	ng		95
58) Fluorene	15.508	166	491310	43.748	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	149774	44.432	ng		100
60) Diethylphthalate	15.279	149	523422	43.074	ng		99
61) 4-Chlorophenyl-phenyle...	15.502	204	274288	43.808	ng		98
62) 4-Nitroaniline	15.544	138	114119	46.006	ng		95
63) Azobenzene	15.796	77	522926	43.690	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	45971	22.925	ng		98
66) n-Nitrosodiphenylamine	15.720	169	436101	46.073	ng		99
67) 4-Bromophenyl-phenylether	16.396	248	187546	45.468	ng		99
68) Hexachlorobenzene	16.513	284	209678	47.972	ng		99
69) Atrazine	16.672	200	175063	54.788	ng		98
70) Pentachlorophenol	16.866	266	140437	53.083	ng		100
71) Phenanthrene	17.253	178	779101	45.173	ng		100
72) Anthracene	17.341	178	786600	44.449	ng		99
73) Carbazole	17.612	167	737914	47.286	ng		99
74) Di-n-butylphthalate	18.164	149	910899	46.601	ng		99
75) Fluoranthene	19.263	202	939055	45.327	ng		100
77) Benzidine	19.451	184	127432	27.087	ng		99
78) Pyrene	19.627	202	961266	45.528	ng		99
80) Butylbenzylphthalate	20.514	149	410436	47.325	ng		98
81) Benzo(a)anthracene	21.431	228	992786	46.499	ng		99
82) 3,3'-Dichlorobenzidine	21.354	252	239475	33.174	ng		100
83) Chrysene	21.495	228	917340	44.812	ng		99
84) Bis(2-ethylhexyl)phtha...	21.337	149	591687	46.686	ng		97
85) Di-n-octyl phthalate	22.488	149	1059431	47.547	ng		100
87) Indeno(1,2,3-cd)pyrene	28.023	276	1243012	48.540	ng	#	80
88) Benzo(b)fluoranthene	23.552	252	1061117	50.826	ng		100
89) Benzo(k)fluoranthene	23.616	252	1029993	49.109	ng		100
90) Benzo(a)pyrene	24.380	252	942610	45.974	ng		99
91) Dibenzo(a,h)anthracene	28.076	278	1020673	48.203	ng		98
92) Benzo(g,h,i)perylene	29.116	276	915927	43.138	ng		99

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

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