Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052353.D
Acq On : 10 Feb 2022 14:21
Operator : CG/JU
Sample : PB142553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 16:00:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB142553BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

02/11/2022
Supervised By :Jagrut Upadhyay

02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	23590	20.000	ng		0.00
21) Naphthalene-d8	11.066	136	107017	20.000	ng	#	0.00
39) Acenaphthene-d10	14.873	164	86489	20.000	ng		0.00
64) Phenanthrene-d10	17.622	188	220430	20.000	ng		0.00
76) Chrysene-d12	21.945	240	212959	20.000	ng		0.00
86) Perylene-d12	25.411	264	215350	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	179665	132.739	ng		0.00
7) Phenol-d6	7.377	99	266162	127.447	ng		0.00
23) Nitrobenzene-d5	9.398	82	179320	72.824	ng		0.00
42) 2,4,6-Tribromophenol	16.365	330	154546	124.378	ng		0.00
45) 2-Fluorobiphenyl	13.498	172	441706	70.965	ng		0.00
79) Terphenyl-d14	20.218	244	933976	77.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	17438	27.979	ng		96
3) Pyridine	3.993	79	39960	22.107	ng		92
4) n-Nitrosodimethylamine	3.899	42	33806	36.220	ng	#	87
6) Aniline	7.535	93	80328	33.107	ng		99
8) 2-Chlorophenol	7.788	128	70603	47.417	ng		95
9) Benzaldehyde	7.347	77	43553	35.306	ng		94
10) Phenol	7.400	94	96962	46.728	ng		99
11) bis(2-Chloroethyl)ether	7.629	93	61375	38.696	ng		96
12) 1,3-Dichlorobenzene	8.117	146	65797	38.784	ng		95
13) 1,4-Dichlorobenzene	8.264	146	69812	40.366	ng		96
14) 1,2-Dichlorobenzene	8.587	146	67114	39.348	ng		95
15) Benzyl Alcohol	8.458	79	78511	45.297	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.751	45	89276	38.980	ng		97
17) 2-Methylphenol	8.669	107	66466	48.542	ng		93
18) Hexachloroethane	9.327	117	23409	38.927	ng		95
19) n-Nitroso-di-n-propyla...	9.033	70	63974	40.633	ng		91
20) 3+4-Methylphenols	8.998	107	92602	47.271	ng		91
22) Acetophenone	9.051	105	108747	38.448	ng		97
24) Nitrobenzene	9.445	77	92820	39.739	ng		95
25) Isophorone	9.967	82	170061	40.590	ng		98
26) 2-Nitrophenol	10.161	139	41167	41.582	ng		91
27) 2,4-Dimethylphenol	10.220	122	74762	51.004	ng		91
28) bis(2-Chloroethoxy)met...	10.449	93	92014	38.698	ng		100
29) 2,4-Dichlorophenol	10.708	162	80674	45.917	ng		97
30) 1,2,4-Trichlorobenzene	10.931	180	79547	38.773	ng		95
31) Naphthalene	11.119	128	221648	39.507	ng		97
32) Benzoic acid	10.361	122	44209	46.814	ng		91
33) 4-Chloroaniline	11.219	127	52689	22.494	ng		97
34) Hexachlorobutadiene	11.407	225	50495	36.444	ng		94
35) Caprolactam	11.982	113	31380m	49.009	ng		
36) 4-Chloro-3-methylphenol	12.335	107	94711	47.383	ng		93
37) 2-Methylnaphthalene	12.711	142	176424	42.338	ng		98
38) 1-Methylnaphthalene	12.928	142	168496	41.729	ng	#	95
40) 1,2,4,5-Tetrachloroben...	13.081	216	106679	37.500	ng		100
41) Hexachlorocyclopentadiene	13.057	237	112476	81.946	ng		97
43) 2,4,6-Trichlorophenol	13.316	196	76670	41.209	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.392	196	86534	42.919	ng		94
46)	1,1'-Biphenyl	13.709	154	252161	39.760	ng		99
47)	2-Chloronaphthalene	13.756	162	188936	38.668	ng		97
48)	2-Nitroaniline	13.950	65	73743	42.392	ng		97
49)	Acenaphthylene	14.596	152	323911	40.724	ng		99
50)	Dimethylphthalate	14.314	163	273687	41.308	ng		99
51)	2,6-Dinitrotoluene	14.438	165	63694	44.549	ng	#	86
52)	Acenaphthene	14.937	154	234534m	45.024	ng		
53)	3-Nitroaniline	14.767	138	40336	27.142	ng		96
54)	2,4-Dinitrophenol	14.978	184	71427	80.631	ng		97
55)	Dibenzofuran	15.272	168	316251	38.605	ng		100
56)	4-Nitrophenol	15.078	139	104104	93.279	ng		91
57)	2,4-Dinitrotoluene	15.225	165	91465	44.947	ng		87
58)	Fluorene	15.918	166	272795	41.714	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.495	232	82930	43.056	ng	#	97
60)	Diethylphthalate	15.671	149	285074	42.593	ng		97
61)	4-Chlorophenyl-phenyle...	15.901	204	148923	39.977	ng		96
62)	4-Nitroaniline	15.930	138	64937	41.506	ng		88
63)	Azobenzene	16.200	77	275372	40.190	ng		94
65)	4,6-Dinitro-2-methylph...	15.995	198	52827	39.838	ng		87
66)	n-Nitrosodiphenylamine	16.118	169	249179	41.028	ng		97
67)	4-Bromophenyl-phenylether	16.799	248	105254	39.264	ng		96
68)	Hexachlorobenzene	16.934	284	116547	40.086	ng		94
69)	Atrazine	17.058	200	105524	42.976	ng		93
70)	Pentachlorophenol	17.275	266	128478	90.325	ng		96
71)	Phenanthrene	17.669	178	463281	40.770	ng		98
72)	Anthracene	17.757	178	469875	42.197	ng		99
73)	Carbazole	18.021	167	436111	40.156	ng		99
74)	Di-n-butylphthalate	18.568	149	505743	42.741	ng		98
75)	Fluoranthene	19.672	202	600354	41.492	ng		100
77)	Benzidine	19.836	184	182032	40.003	ng		100
78)	Pyrene	20.030	202	598057	41.969	ng		99
80)	Butylbenzylphthalate	20.900	149	217600	43.961	ng		96
81)	Benzo(a)anthracene	21.922	228	574782	40.787	ng		99
82)	3,3'-Dichlorobenzidine	21.822	252	141576	28.777	ng		97
83)	Chrysene	21.992	228	545518	40.850	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.798	149	309331	45.069	ng		99
85)	Di-n-octyl phthalate	23.091	149	514822	44.738	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.423	276	663367	42.095	ng	#	98
88)	Benzo(b)fluoranthene	24.307	252	607853	45.296	ng		99
89)	Benzo(k)fluoranthene	24.377	252	570500	43.035	ng		99
90)	Benzo(a)pyrene	25.253	252	577234	50.920	ng		99
91)	Dibenzo(a,h)anthracene	29.488	278	562729	43.227	ng		99
92)	Benzo(g,h,i)perylene	30.686	276	549797	43.034	ng		98

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

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