Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053413.D
Acq On : 3 May 2022 12:05
Operator : CG/JU
Sample : PB144515BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 06:06:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144515BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152	28696	20.000	ng		0.00
21) Naphthalene-d8	10.912	136	116509	20.000	ng	#	0.00
39) Acenaphthene-d10	14.725	164	87557	20.000	ng		0.00
64) Phenanthrene-d10	17.468	188	211122	20.000	ng		0.00
76) Chrysene-d12	21.751	240	224592	20.000	ng		0.00
86) Perylene-d12	25.040	264	229606	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.666	112	224868	134.327	ng		0.00
7) Phenol-d6	7.264	99	316711	122.683	ng		0.00
23) Nitrobenzene-d5	9.262	82	218881	76.280	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	155720	111.788	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	472536	74.418	ng		0.00
79) Terphenyl-d14	20.070	244	994774	74.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	24347	30.455	ng		96
3) Pyridine	3.945	79	62129	29.466	ng	#	94
4) n-Nitrosodimethylamine	3.857	42	43956	42.098	ng	#	92
6) Aniline	7.423	93	113003	37.771	ng		96
8) 2-Chlorophenol	7.670	128	80745	44.678	ng		97
9) Benzaldehyde	7.229	77	60841m	39.428	ng		
10) Phenol	7.294	94	109780	42.722	ng		90
11) bis(2-Chloroethyl)ether	7.511	93	75868	40.958	ng		90
12) 1,3-Dichlorobenzene	7.987	146	84610	40.289	ng		95
13) 1,4-Dichlorobenzene	8.134	146	83274	38.895	ng		96
14) 1,2-Dichlorobenzene	8.457	146	81746	39.594	ng		94
15) Benzyl Alcohol	8.339	79	90812m	39.576	ng		
16) 2,2'-oxybis(1-Chloropr...	8.621	45	123724	40.007	ng		97
17) 2-Methylphenol	8.545	107	73814	42.449	ng		95
18) Hexachloroethane	9.185	117	32538	40.528	ng		97
19) n-Nitroso-di-n-propyla...	8.903	70	72593	38.410	ng		97
20) 3+4-Methylphenols	8.874	107	99134	40.385	ng		91
22) Acetophenone	8.921	105	127563	39.465	ng	#	94
24) Nitrobenzene	9.309	77	112854	40.435	ng	#	89
25) Isophorone	9.826	82	197538	40.502	ng		99
26) 2-Nitrophenol	10.019	139	47024	40.292	ng		97
27) 2,4-Dimethylphenol	10.078	122	78075	46.710	ng		91
28) bis(2-Chloroethoxy)met...	10.307	93	104964	38.308	ng		99
29) 2,4-Dichlorophenol	10.560	162	84111	40.028	ng		96
30) 1,2,4-Trichlorobenzene	10.771	180	89722	37.726	ng		96
31) Naphthalene	10.965	128	241289	38.818	ng		99
32) Benzoic acid	10.243	122	34932m	33.313	ng		
33) 4-Chloroaniline	11.065	127	84177	31.623	ng		95
34) Hexachlorobutadiene	11.247	225	64669	36.606	ng		98
35) Caprolactam	11.835	113	28059m	37.883	ng		
36) 4-Chloro-3-methylphenol	12.187	107	96473	39.436	ng		92
37) 2-Methylnaphthalene	12.557	142	176873	38.455	ng	#	95
38) 1-Methylnaphthalene	12.780	142	167115	37.222	ng		92
40) 1,2,4,5-Tetrachloroben...	12.927	216	113323	38.108	ng		99
41) Hexachlorocyclopentadiene	12.910	237	115148	75.010	ng		94
43) 2,4,6-Trichlorophenol	13.168	196	73836	36.012	ng		96

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44)	2,4,5-Trichlorophenol	13.244	196	80432	36.814	ng		95
46)	1,1'-Biphenyl	13.562	154	239486	37.982	ng		99
47)	2-Chloronaphthalene	13.603	162	188040	37.380	ng		96
48)	2-Nitroaniline	13.803	65	75598	39.599	ng		94
49)	Acenaphthylene	14.449	152	318995	40.509	ng		97
50)	Dimethylphthalate	14.173	163	263617	37.643	ng		99
51)	2,6-Dinitrotoluene	14.296	165	57625	39.443	ng		86
52)	Acenaphthene	14.789	154	222737m	41.709	ng		
53)	3-Nitroaniline	14.625	138	51998	33.659	ng		98
54)	2,4-Dinitrophenol	14.836	184	62584	67.324	ng	#	84
55)	Dibenzofuran	15.124	168	308467	36.889	ng		98
56)	4-Nitrophenol	14.942	139	92006	78.089	ng	#	74
57)	2,4-Dinitrotoluene	15.083	165	82294	39.565	ng	#	83
58)	Fluorene	15.770	166	254459	37.677	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.353	232	77898	36.714	ng		100
60)	Diethylphthalate	15.530	149	271512	37.003	ng		100
61)	4-Chlorophenyl-phenyle...	15.759	204	140363	36.663	ng		98
62)	4-Nitroaniline	15.788	138	63214	38.778	ng	#	80
63)	Azobenzene	16.047	77	276599	37.389	ng		95
65)	4,6-Dinitro-2-methylph...	15.853	198	50551	34.320	ng		94
66)	n-Nitrosodiphenylamine	15.970	169	229984	37.881	ng		99
67)	4-Bromophenyl-phenylether	16.652	248	99909	36.932	ng		95
68)	Hexachlorobenzene	16.781	284	109985	37.542	ng		92
69)	Atrazine	16.916	200	102453	43.201	ng		98
70)	Pentachlorophenol	17.127	266	111328	69.532	ng		89
71)	Phenanthrene	17.509	178	446951	38.758	ng		98
72)	Anthracene	17.603	178	450132	39.400	ng		98
73)	Carbazole	17.873	167	424394	38.215	ng		99
74)	Di-n-butylphthalate	18.420	149	494342	39.249	ng		98
75)	Fluoranthene	19.518	202	594023	40.186	ng		98
77)	Benzidine	19.689	184	282447	44.077	ng		99
78)	Pyrene	19.883	202	598896	37.442	ng		98
80)	Butylbenzylphthalate	20.752	149	226030	37.903	ng		95
81)	Benzo(a)anthracene	21.733	228	600006	39.073	ng		97
82)	3,3'-Dichlorobenzidine	21.639	252	180457	31.954	ng		99
83)	Chrysene	21.803	228	542441	38.062	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.621	149	321097	39.835	ng		99
85)	Di-n-octyl phthalate	22.855	149	541412	40.161	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.823	276	665928	39.038	ng	#	97
88)	Benzo(b)fluoranthene	24.000	252	606333	41.854	ng		98
89)	Benzo(k)fluoranthene	24.065	252	592809m	41.636	ng		
90)	Benzo(a)pyrene	24.893	252	595112	48.221	ng		96
91)	Dibenzo(a,h)anthracene	28.876	278	576164	41.037	ng		98
92)	Benzo(g,h,i)perylene	30.004	276	572840	41.395	ng		96

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

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