Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053316.D
Acq On : 26 Apr 2022 11:58
Operator : CG/JU
Sample : PB144287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 27 03:36:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144287BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.107	152	27087	20.000	ng		0.00
21) Naphthalene-d8	10.920	136	117413	20.000	ng	#	0.00
39) Acenaphthene-d10	14.733	164	91547	20.000	ng		0.00
64) Phenanthrene-d10	17.476	188	222943	20.000	ng		0.00
76) Chrysene-d12	21.759	240	217843	20.000	ng		0.00
86) Perylene-d12	25.060	264	208512	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	220452	139.512	ng		0.00
7) Phenol-d6	7.272	99	322105	132.184	ng		0.00
23) Nitrobenzene-d5	9.270	82	221724	76.676	ng		0.00
42) 2,4,6-Tribromophenol	16.219	330	170744	117.231	ng		0.00
45) 2-Fluorobiphenyl	13.352	172	499945	75.303	ng		0.00
79) Terphenyl-d14	20.079	244	1014201	78.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	23025	30.512	ng		92
3) Pyridine	3.948	79	50209	25.227	ng	#	83
4) n-Nitrosodimethylamine	3.859	42	40831	41.428	ng		87
6) Aniline	7.425	93	112033	39.671	ng		97
8) 2-Chlorophenol	7.672	128	85543	50.145	ng		92
9) Benzaldehyde	7.237	77	52315m	35.916	ng		
10) Phenol	7.296	94	117899	48.607	ng		89
11) bis(2-Chloroethyl)ether	7.513	93	80936	46.289	ng		92
12) 1,3-Dichlorobenzene	7.995	146	84017m	42.383	ng		
13) 1,4-Dichlorobenzene	8.142	146	85389	42.252	ng		92
14) 1,2-Dichlorobenzene	8.459	146	84510	43.364	ng		96
15) Benzyl Alcohol	8.342	79	98457m	45.457	ng		
16) 2,2'-oxybis(1-Chloropr...	8.629	45	130447	44.687	ng		97
17) 2-Methylphenol	8.553	107	79275	48.298	ng		97
18) Hexachloroethane	9.193	117	32262	42.571	ng		95
19) n-Nitroso-di-n-propyla...	8.906	70	78039	43.744	ng		98
20) 3+4-Methylphenols	8.876	107	109674	47.333	ng		88
22) Acetophenone	8.929	105	140002	42.980	ng	#	98
24) Nitrobenzene	9.311	77	119725	42.566	ng		91
25) Isophorone	9.834	82	203608	41.426	ng		96
26) 2-Nitrophenol	10.028	139	51576	43.852	ng		97
27) 2,4-Dimethylphenol	10.086	122	84074	49.912	ng		90
28) bis(2-Chloroethoxy)met...	10.310	93	114598	41.502	ng		98
29) 2,4-Dichlorophenol	10.568	162	94447	44.601	ng		99
30) 1,2,4-Trichlorobenzene	10.779	180	97801	40.807	ng		98
31) Naphthalene	10.967	128	265798	42.431	ng		98
32) Benzoic acid	10.245	122	48114m	44.200	ng		
33) 4-Chloroaniline	11.073	127	75590	28.178	ng		97
34) Hexachlorobutadiene	11.255	225	72214	40.562	ng		96
35) Caprolactam	11.843	113	32315m	43.294	ng		
36) 4-Chloro-3-methylphenol	12.195	107	107544	43.623	ng		91
37) 2-Methylnaphthalene	12.565	142	201783	43.533	ng		96
38) 1-Methylnaphthalene	12.783	142	185346	40.965	ng		94
40) 1,2,4,5-Tetrachloroben...	12.935	216	127892	41.132	ng		99
41) Hexachlorocyclopentadiene	12.918	237	126129	78.582	ng		94
43) 2,4,6-Trichlorophenol	13.170	196	84645	39.485	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.253	196	96129	42.081	ng		98
46)	1,1'-Biphenyl	13.564	154	274080	41.574	ng		98
47)	2-Chloronaphthalene	13.611	162	211745	40.258	ng		97
48)	2-Nitroaniline	13.811	65	85006	42.587	ng		94
49)	Acenaphthylene	14.457	152	342927	41.650	ng		98
50)	Dimethylphthalate	14.181	163	294783	40.258	ng		99
51)	2,6-Dinitrotoluene	14.298	165	63770	41.746	ng	#	85
52)	Acenaphthene	14.798	154	262619m	47.034	ng		
53)	3-Nitroaniline	14.633	138	50702	31.390	ng		96
54)	2,4-Dinitrophenol	14.845	184	83790	86.207	ng	#	89
55)	Dibenzofuran	15.127	168	352205	40.284	ng		97
56)	4-Nitrophenol	14.950	139	104683	84.976	ng	#	85
57)	2,4-Dinitrotoluene	15.091	165	95763	44.033	ng		93
58)	Fluorene	15.779	166	288755	40.892	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.356	232	92582	41.733	ng	#	99
60)	Diethylphthalate	15.538	149	308087	40.158	ng		98
61)	4-Chlorophenyl-phenyle...	15.761	204	160775	40.164	ng		96
62)	4-Nitroaniline	15.796	138	69965	41.049	ng	#	80
63)	Azobenzene	16.055	77	307804	39.794	ng		98
65)	4,6-Dinitro-2-methylph...	15.861	198	62119	39.937	ng		98
66)	n-Nitrosodiphenylamine	15.978	169	263337	41.075	ng		99
67)	4-Bromophenyl-phenylether	16.660	248	114572	40.107	ng		96
68)	Hexachlorobenzene	16.789	284	128354	41.489	ng		96
69)	Atrazine	16.918	200	117092	46.756	ng		99
70)	Pentachlorophenol	17.130	266	142670	84.382	ng		91
71)	Phenanthrene	17.517	178	503823	41.373	ng		99
72)	Anthracene	17.611	178	510888	42.347	ng		99
73)	Carbazole	17.876	167	472087	40.256	ng		99
74)	Di-n-butylphthalate	18.422	149	556784	41.863	ng		98
75)	Fluoranthene	19.526	202	653157	41.843	ng		99
77)	Benzidine	19.697	184	267785	43.084	ng		99
78)	Pyrene	19.885	202	652541	42.059	ng		98
80)	Butylbenzylphthalate	20.760	149	241988	41.836	ng		99
81)	Benzo(a)anthracene	21.741	228	603770	40.536	ng		99
82)	3,3'-Dichlorobenzidine	21.647	252	167140	30.513	ng		95
83)	Chrysene	21.806	228	576175	41.682	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.629	149	329145	42.098	ng		99
85)	Di-n-octyl phthalate	22.863	149	546935	41.827	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.837	276	680246	43.912	ng		98
88)	Benzo(b)fluoranthene	24.009	252	623581	47.399	ng		99
89)	Benzo(k)fluoranthene	24.079	252	579884	44.849	ng		99
90)	Benzo(a)pyrene	24.901	252	593436	52.949	ng		98
91)	Dibenzo(a,h)anthracene	28.896	278	585342	45.909	ng		99
92)	Benzo(g,h,i)perylene	30.024	276	576411	45.867	ng		99

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

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