Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
Data File : BG054218.D
Acq On : 6 Jul 2022 13:36
Operator : CG/JU
Sample : N3571-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 14:18:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VB16128MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.065	152	23465	20.000	ng		0.00
21) Naphthalene-d8	10.879	136	96180	20.000	ng		0.00
39) Acenaphthene-d10	14.692	164	77528	20.000	ng		0.00
64) Phenanthrene-d10	17.436	188	214268	20.000	ng		0.00
76) Chrysene-d12	21.719	240	228372	20.000	ng		0.00
86) Perylene-d12	24.974	264	189601	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	172119	140.241	ng		0.00
7) Phenol-d6	7.236	99	221112	132.805	ng		0.00
23) Nitrobenzene-d5	9.228	82	158444	92.576	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	197248	158.353	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	443835	83.247	ng		0.00
79) Terphenyl-d14	20.045	244	1098882	96.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	19775	36.859	ng	#	44
3) Pyridine	3.928	79	59811	41.777	ng		94
4) n-Nitrosodimethylamine	3.829	42	32995	52.394	ng	#	90
6) Aniline	7.395	93	32516	16.472	ng		98
8) 2-Chlorophenol	7.636	128	70431	53.746	ng		92
9) Benzaldehyde	7.201	77	29016m	29.529	ng		
10) Phenol	7.260	94	80099	47.471	ng		96
11) bis(2-Chloroethyl)ether	7.477	93	64237	49.600	ng		94
12) 1,3-Dichlorobenzene	7.959	146	75011	45.681	ng		91
13) 1,4-Dichlorobenzene	8.106	146	76456	46.352	ng		95
14) 1,2-Dichlorobenzene	8.423	146	74297	46.922	ng		97
15) Benzyl Alcohol	8.306	79	61450m	49.382	ng		
16) 2,2'-oxybis(1-Chloropr...	8.594	45	90075	46.525	ng		99
17) 2-Methylphenol	8.511	107	60797	51.868	ng		92
18) Hexachloroethane	9.158	117	26111	47.718	ng	#	81
19) n-Nitroso-di-n-propyla...	8.870	70	55272	49.414	ng		94
20) 3+4-Methylphenols	8.840	107	84663	51.504	ng		95
22) Acetophenone	8.887	105	107799	46.110	ng	#	95
24) Nitrobenzene	9.269	77	78660	46.672	ng	#	87
25) Isophorone	9.792	82	155714	48.715	ng		96
26) 2-Nitrophenol	9.986	139	41035	55.124	ng		85
27) 2,4-Dimethylphenol	10.045	122	70371	58.405	ng		89
28) bis(2-Chloroethoxy)met...	10.274	93	86646	50.318	ng		96
29) 2,4-Dichlorophenol	10.527	162	85076	52.663	ng		92
30) 1,2,4-Trichlorobenzene	10.738	180	88647	44.317	ng	#	96
31) Naphthalene	10.926	128	226934	46.738	ng		100
32) Benzoic acid	10.198	122	32840	59.138	ng	#	86
33) 4-Chloroaniline	11.044	127	7939	3.941	ng	#	90
34) Hexachlorobutadiene	11.214	225	67817	44.098	ng		95
35) Caprolactam	11.807	113	23590m	53.044	ng		
36) 4-Chloro-3-methylphenol	12.160	107	87200	55.527	ng	#	86
37) 2-Methylnaphthalene	12.530	142	163589	45.538	ng		96
38) 1-Methylnaphthalene	12.748	142	157793	45.111	ng		99
40) 1,2,4,5-Tetrachloroben...	12.900	216	130040	43.530	ng		96
41) Hexachlorocyclopentadiene	12.877	237	110922	79.741	ng		97
43) 2,4,6-Trichlorophenol	13.135	196	84876	50.580	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	93688	50.003	ng	#	93
46) 1,1'-Biphenyl	13.529	154	244381	45.253	ng		99
47) 2-Chloronaphthalene	13.576	162	195782	44.797	ng		95
48) 2-Nitroaniline	13.776	65	61094	52.551	ng		89
49) Acenaphthylene	14.416	152	308282	45.363	ng		99
50) Dimethylphthalate	14.146	163	280114	47.441	ng		99
51) 2,6-Dinitrotoluene	14.263	165	63524	53.250	ng	#	76
52) Acenaphthene	14.757	154	228627m	52.777	ng		
53) 3-Nitroaniline	14.598	138	14083	12.185	ng	#	84
54) 2,4-Dinitrophenol	14.810	184	75161	111.171	ng	#	75
55) Dibenzofuran	15.092	168	323444	46.342	ng		95
56) 4-Nitrophenol	14.916	139	85995	104.804	ng		89
57) 2,4-Dinitrotoluene	15.057	165	93845	55.702	ng	#	84
58) Fluorene	15.738	166	272236	47.506	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	95920	52.349	ng	#	89
60) Diethylphthalate	15.503	149	278168	48.648	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	165257	48.169	ng	#	88
62) 4-Nitroaniline	15.756	138	38760	32.159	ng	#	77
63) Azobenzene	16.020	77	215748	46.874	ng		90
65) 4,6-Dinitro-2-methylph...	15.820	198	57439	53.732	ng		84
66) n-Nitrosodiphenylamine	15.944	169	202171	36.204	ng		97
67) 4-Bromophenyl-phenylether	16.625	248	123232	46.049	ng	#	88
68) Hexachlorobenzene	16.755	284	138472	45.235	ng	#	92
69) Atrazine	16.884	200	20263	8.759	ng		92
70) Pentachlorophenol	17.095	266	147569	103.778	ng		91
71) Phenanthrene	17.483	178	489794	44.492	ng		96
72) Anthracene	17.571	178	496566	46.192	ng		99
73) Carbazole	17.842	167	305066	33.062	ng		98
74) Di-n-butylphthalate	18.394	149	515024	48.275	ng	#	98
75) Fluoranthene	19.493	202	637407	44.108	ng		96
78) Pyrene	19.851	202	644253	46.708	ng		98
80) Butylbenzylphthalate	20.726	149	223686	50.595	ng		89
81) Benzo(a)anthracene	21.696	228	682110	46.130	ng		99
83) Chrysene	21.761	228	629847	44.687	ng		96
84) Bis(2-ethylhexyl)phtha...	21.590	149	322803	51.051	ng	#	93
85) Di-n-octyl phthalate	22.812	149	550584	50.661	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.711	276	734235	51.316	ng		99
88) Benzo(b)fluoranthene	23.940	252	701226	60.827	ng		100
89) Benzo(k)fluoranthene	24.011	252	668036	58.528	ng		99
90) Benzo(a)pyrene	24.822	252	569853	58.586	ng		99
91) Dibenzo(a,h)anthracene	28.782	278	678278	57.327	ng		97
92) Benzo(g,h,i)perylene	29.886	276	601442	51.509	ng		95

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

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