Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054076.D
Acq On : 26 Jun 2022 17:16
Operator : CG/JU
Sample : N3488-12MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 00:30:34 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.072	152	26536	20.000	ng		0.00
21) Naphthalene-d8	10.881	136	104908	20.000	ng		0.00
39) Acenaphthene-d10	14.694	164	77474	20.000	ng		0.00
64) Phenanthrene-d10	17.438	188	197092	20.000	ng		0.00
76) Chrysene-d12	21.715	240	212088	20.000	ng	#	0.00
86) Perylene-d12	24.970	264	219807	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	212286	152.951	ng		0.00
7) Phenol-d6	7.232	99	281348	149.428	ng		0.00
23) Nitrobenzene-d5	9.230	82	182427	97.721	ng		0.00
42) 2,4,6-Tribromophenol	16.180	330	152819	122.770	ng		0.00
45) 2-Fluorobiphenyl	13.325	172	467251	87.700	ng		0.00
79) Terphenyl-d14	20.046	244	994855	94.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	26023	42.891	ng		92
3) Pyridine	3.924	79	66744	41.224	ng		91
4) n-Nitrosodimethylamine	3.836	42	39555	55.542	ng	#	93
6) Aniline	7.391	93	64718	28.992	ng		97
8) 2-Chlorophenol	7.637	128	77699	52.430	ng		93
9) Benzaldehyde	7.203	77	52747	47.468	ng		79
10) Phenol	7.261	94	102092	53.503	ng		94
11) bis(2-Chloroethyl)ether	7.485	93	73646	50.284	ng		95
12) 1,3-Dichlorobenzene	7.960	146	87081	46.895	ng		91
13) 1,4-Dichlorobenzene	8.107	146	86872	46.572	ng		97
14) 1,2-Dichlorobenzene	8.431	146	85494	47.744	ng		95
15) Benzyl Alcohol	8.307	79	73527	52.250	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.595	45	121415	55.455	ng		99
17) 2-Methylphenol	8.513	107	69000	52.054	ng	#	91
18) Hexachloroethane	9.159	117	29947	48.395	ng		86
19) n-Nitroso-di-n-propyla...	8.871	70	61252	48.423	ng		91
20) 3+4-Methylphenols	8.842	107	93058	50.060	ng		94
22) Acetophenone	8.889	105	118647	46.528	ng	#	97
24) Nitrobenzene	9.277	77	89526	48.700	ng	#	88
25) Isophorone	9.794	82	167113	47.931	ng		97
26) 2-Nitrophenol	9.988	139	42997	52.954	ng	#	82
27) 2,4-Dimethylphenol	10.046	122	74459	56.656	ng		91
28) bis(2-Chloroethoxy)met...	10.275	93	99568	53.011	ng		98
29) 2,4-Dichlorophenol	10.528	162	85774	48.678	ng		90
30) 1,2,4-Trichlorobenzene	10.740	180	88859	40.727	ng		98
31) Naphthalene	10.928	128	237248	44.797	ng		100
32) Benzoic acid	10.205	122	31672	53.596	ng	#	81
33) 4-Chloroaniline	11.033	127	32847	14.950	ng		94
34) Hexachlorobutadiene	11.221	225	65791	39.221	ng		99
35) Caprolactam	11.797	113	26043m	53.688	ng		
36) 4-Chloro-3-methylphenol	12.156	107	85124	49.696	ng		86
37) 2-Methylnaphthalene	12.532	142	172545	44.035	ng		95
38) 1-Methylnaphthalene	12.749	142	166010	43.512	ng		95
40) 1,2,4,5-Tetrachloroben...	12.902	216	119103	39.897	ng		98
41) Hexachlorocyclopentadiene	12.884	237	146044	105.063	ng		98
43) 2,4,6-Trichlorophenol	13.137	196	76403	45.562	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.207	196	86006	45.935	ng		95
46)	1,1'-Biphenyl	13.530	154	246262	45.633	ng		99
47)	2-Chloronaphthalene	13.577	162	193274	44.254	ng		97
48)	2-Nitroaniline	13.771	65	60012	51.656	ng		90
49)	Acenaphthylene	14.418	152	307614	45.296	ng		99
50)	Dimethylphthalate	14.147	163	261724	44.358	ng		100
51)	2,6-Dinitrotoluene	14.265	165	58370	48.964	ng	#	76
52)	Acenaphthene	14.758	154	222801m	51.468	ng		
53)	3-Nitroaniline	14.594	138	26438	22.891	ng		94
54)	2,4-Dinitrophenol	14.800	184	69795	103.805	ng	#	85
55)	Dibenzofuran	15.093	168	310348	44.497	ng		94
56)	4-Nitrophenol	14.905	139	96002	117.081	ng	#	83
57)	2,4-Dinitrotoluene	15.052	165	84356	50.105	ng		89
58)	Fluorene	15.745	166	254380	44.421	ng		92
59)	2,3,4,6-Tetrachlorophenol	15.322	232	79008	43.149	ng		95
60)	Diethylphthalate	15.505	149	261662	45.793	ng		99
61)	4-Chlorophenyl-phenyle...	15.734	204	144350	42.105	ng		91
62)	4-Nitroaniline	15.757	138	57041	47.359	ng	#	78
63)	Azobenzene	16.028	77	229193	49.830	ng		94
65)	4,6-Dinitro-2-methylph...	15.816	198	49400	50.239	ng		90
66)	n-Nitrosodiphenylamine	15.945	169	232670	45.296	ng		97
67)	4-Bromophenyl-phenylether	16.627	248	101935	41.410	ng		97
68)	Hexachlorobenzene	16.750	284	110198	39.136	ng		95
69)	Atrazine	16.891	200	107374	50.461	ng		96
70)	Pentachlorophenol	17.091	266	125405	95.877	ng		98
71)	Phenanthrene	17.485	178	450924	44.531	ng		99
72)	Anthracene	17.573	178	459887	46.508	ng		99
73)	Carbazole	17.837	167	418422	49.298	ng		99
74)	Di-n-butylphthalate	18.395	149	487083	49.634	ng	#	97
75)	Fluoranthene	19.488	202	598109	44.995	ng		96
77)	Benzidine	19.670	184	261637	59.570	ng		99
78)	Pyrene	19.852	202	595456	46.485	ng		98
80)	Butylbenzylphthalate	20.734	149	212085	51.654	ng		92
81)	Benzo(a)anthracene	21.697	228	616529	44.896	ng		99
82)	3,3'-Dichlorobenzidine	21.609	252	166976	40.698	ng		97
83)	Chrysene	21.762	228	565980	43.239	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.603	149	311076	52.974	ng		95
85)	Di-n-octyl phthalate	22.825	149	535788	53.085	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.683	276	716283	43.182	ng		99
88)	Benzo(b)fluoranthene	23.936	252	633744	47.419	ng		99
89)	Benzo(k)fluoranthene	24.006	252	604544	45.687	ng		99
90)	Benzo(a)pyrene	24.817	252	563068	49.934	ng	#	98
91)	Dibenzo(a,h)anthracene	28.760	278	613454	44.723	ng		97
92)	Benzo(g,h,i)perylene	29.858	276	614067	45.364	ng		95

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

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