Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054174.D
Acq On : 30 Jun 2022 18:05
Operator : CG/JU
Sample : N3548-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
V-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 04:04:47 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	8.065	152	19083	20.000	ng		0.00
21) Naphthalene-d8	10.874	136	77706	20.000	ng		0.00
39) Acenaphthene-d10	14.693	164	61667	20.000	ng		0.00
64) Phenanthrene-d10	17.437	188	158459	20.000	ng	#	0.00
76) Chrysene-d12	21.714	240	175881	20.000	ng		0.00
86) Perylene-d12	24.963	264	186264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.639	112	105019	105.218	ng		0.00
7) Phenol-d6	7.231	99	148916	109.981	ng		0.00
23) Nitrobenzene-d5	9.229	82	97271	70.345	ng		0.00
42) 2,4,6-Tribromophenol	16.179	330	106729	107.721	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	284711	67.136	ng		0.00
79) Terphenyl-d14	20.039	244	643693	73.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.512	88	16652	38.165	ng	#	88
3) Pyridine	3.917	79	45671	39.225	ng		97
4) n-Nitrosodimethylamine	3.829	42	27870	54.418	ng	#	86
6) Aniline	7.384	93	56929	35.462	ng		99
8) 2-Chlorophenol	7.630	128	57977	54.401	ng		94
9) Benzaldehyde	7.196	77	36246m	45.357	ng		
10) Phenol	7.254	94	72480	52.820	ng		98
11) bis(2-Chloroethyl)ether	7.478	93	49613	47.105	ng		96
12) 1,3-Dichlorobenzene	7.954	146	64767	48.500	ng		91
13) 1,4-Dichlorobenzene	8.101	146	65475	48.810	ng		96
14) 1,2-Dichlorobenzene	8.418	146	62656	48.656	ng		97
15) Benzyl Alcohol	8.300	79	55115	54.462	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.588	45	74368	47.233	ng		95
17) 2-Methylphenol	8.512	107	50172	52.633	ng		96
18) Hexachloroethane	9.152	117	22527	50.622	ng	#	78
19) n-Nitroso-di-n-propyla...	8.870	70	43111	47.392	ng		95
20) 3+4-Methylphenols	8.835	107	66994	50.114	ng		95
22) Acetophenone	8.888	105	86738	45.922	ng	#	99
24) Nitrobenzene	9.270	77	64476	47.351	ng	#	83
25) Isophorone	9.793	82	118762	45.988	ng	#	93
26) 2-Nitrophenol	9.987	139	32922	54.740	ng		88
27) 2,4-Dimethylphenol	10.039	122	55629	57.146	ng		89
28) bis(2-Chloroethoxy)met...	10.269	93	68143	48.981	ng		99
29) 2,4-Dichlorophenol	10.521	162	70095	53.706	ng		89
30) 1,2,4-Trichlorobenzene	10.739	180	76489	47.330	ng	#	95
31) Naphthalene	10.927	128	175948	44.853	ng		99
32) Benzoic acid	10.192	122	31312	67.759	ng	#	77
33) 4-Chloroaniline	11.032	127	36820	22.625	ng		93
34) Hexachlorobutadiene	11.209	225	60428	48.635	ng		96
35) Caprolactam	11.796	113	19201m	53.440	ng		
36) 4-Chloro-3-methylphenol	12.155	107	67519	53.216	ng	#	88
37) 2-Methylnaphthalene	12.525	142	134469	46.331	ng		97
38) 1-Methylnaphthalene	12.742	142	126674	44.824	ng		99
40) 1,2,4,5-Tetrachloroben...	12.895	216	110722	46.597	ng	#	96
41) Hexachlorocyclopentadiene	12.877	237	100152	90.517	ng		97
43) 2,4,6-Trichlorophenol	13.130	196	67706	50.726	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.206	196	75485	50.650	ng	#	93
46)	1,1'-Biphenyl	13.529	154	195428	45.496	ng		97
47)	2-Chloronaphthalene	13.571	162	158606	45.625	ng		95
48)	2-Nitroaniline	13.770	65	45860	49.593	ng	#	88
49)	Acenaphthylene	14.417	152	244281	45.191	ng		99
50)	Dimethylphthalate	14.140	163	209328	44.571	ng		100
51)	2,6-Dinitrotoluene	14.258	165	47969	50.553	ng	#	77
52)	Acenaphthene	14.757	154	178143m	51.701	ng		
53)	3-Nitroaniline	14.593	138	29445	32.030	ng		87
54)	2,4-Dinitrophenol	14.804	184	55653	103.976	ng	#	74
55)	Dibenzofuran	15.092	168	252718	45.522	ng		93
56)	4-Nitrophenol	14.910	139	68124	104.378	ng		92
57)	2,4-Dinitrotoluene	15.051	165	70004	52.238	ng	#	82
58)	Fluorene	15.739	166	210080	46.089	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.316	232	73462	50.404	ng	#	90
60)	Diethylphthalate	15.504	149	205655	45.217	ng		96
61)	4-Chlorophenyl-phenyle...	15.727	204	129243	47.361	ng		89
62)	4-Nitroaniline	15.756	138	43488	45.362	ng	#	82
63)	Azobenzene	16.021	77	168606	46.054	ng		89
65)	4,6-Dinitro-2-methylph...	15.815	198	43324	54.802	ng		83
66)	n-Nitrosodiphenylamine	15.938	169	189327	45.845	ng		96
67)	4-Bromophenyl-phenylether	16.620	248	95319	48.163	ng		92
68)	Hexachlorobenzene	16.749	284	108937	48.120	ng	#	91
69)	Atrazine	16.884	200	90101	52.667	ng		91
70)	Pentachlorophenol	17.090	266	113269	107.711	ng		98
71)	Phenanthrene	17.478	178	367456	45.136	ng		98
72)	Anthracene	17.572	178	371860	46.775	ng		98
73)	Carbazole	17.836	167	318361	46.654	ng		99
74)	Di-n-butylphthalate	18.388	149	363992	46.134	ng		98
75)	Fluoranthene	19.487	202	481696	45.072	ng		96
77)	Benzidine	19.658	184	192216	52.773	ng		98
78)	Pyrene	19.851	202	484020	45.564	ng		98
80)	Butylbenzylphthalate	20.727	149	159476	46.837	ng		90
81)	Benzo(a)anthracene	21.690	228	517587	45.450	ng		99
82)	3,3'-Dichlorobenzidine	21.602	252	114812	33.745	ng		97
83)	Chrysene	21.761	228	479308	44.155	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.591	149	230874	47.410	ng	#	94
85)	Di-n-octyl phthalate	22.813	149	391583	46.784	ng		95
87)	Indeno(1,2,3-cd)pyrene	28.700	276	621635	44.225	ng		99
88)	Benzo(b)fluoranthene	23.935	252	535668	47.298	ng		98
89)	Benzo(k)fluoranthene	24.000	252	518458	46.237	ng		98
90)	Benzo(a)pyrene	24.810	252	475024	49.712	ng		99
91)	Dibenzo(a,h)anthracene	28.747	278	534489	45.983	ng	#	98
92)	Benzo(g,h,i)perylene	29.851	276	532385	46.412	ng		95

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

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