Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
Data File : BG053888.D
Acq On : 13 Jun 2022 10:55
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 14:29:08 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 13 14:28:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.089	152	20248	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	78031	20.000	ng	#	0.00
39) Acenaphthene-d10	14.711	164	60046	20.000	ng		0.00
64) Phenanthrene-d10	17.449	188	154061	20.000	ng		0.00
76) Chrysene-d12	21.726	240	185275	20.000	ng		0.00
86) Perylene-d12	24.987	264	183782	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	10749	9.749	ng		0.00
7) Phenol-d6	7.237	99	14433	9.663	ng		0.00
23) Nitrobenzene-d5	9.241	82	13633	11.473	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	8711	11.951	ng		0.00
45) 2-Fluorobiphenyl	13.330	172	43688	10.885	ng		0.00
79) Terphenyl-d14	20.057	244	98974	10.627	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.553	88	2331	4.372	ng		95
3) Pyridine	3.959	79	5557	4.300	ng		86
4) n-Nitrosodimethylamine	3.876	42	2332	3.997	ng	#	74
6) Aniline	7.408	93	8623	4.744	ng		99
8) 2-Chlorophenol	7.648	128	5666	5.020	ng		90
9) Benzaldehyde	7.225	77	4887	4.907	ng	#	66
10) Phenol	7.267	94	7178	4.651	ng		89
11) bis(2-Chloroethyl)ether	7.502	93	5808	4.784	ng		94
12) 1,3-Dichlorobenzene	7.977	146	7809	5.437	ng		96
13) 1,4-Dichlorobenzene	8.124	146	7625	5.220	ng		98
14) 1,2-Dichlorobenzene	8.442	146	7510	5.367	ng		89
15) Benzyl Alcohol	8.318	79	5171	4.625	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.612	45	9023	4.237	ng		98
17) 2-Methylphenol	8.518	107	5152	4.884	ng	#	88
18) Hexachloroethane	9.182	117	2527	5.229	ng		89
19) n-Nitroso-di-n-propyla...	8.888	70	4905	4.637	ng	#	90
20) 3+4-Methylphenols	8.847	107	6858	4.785	ng		96
22) Acetophenone	8.906	105	9722	5.046	ng	#	95
24) Nitrobenzene	9.288	77	6435	5.406	ng	#	90
25) Isophorone	9.805	82	13530	5.080	ng	#	90
26) 2-Nitrophenol	10.004	139	2535	6.858	ng	#	80
27) 2,4-Dimethylphenol	10.057	122	4974	5.195	ng		84
28) bis(2-Chloroethoxy)met...	10.292	93	7484	5.171	ng	#	87
29) 2,4-Dichlorophenol	10.539	162	6200	5.392	ng		86
30) 1,2,4-Trichlorobenzene	10.757	180	8441	5.800	ng	#	89
31) Naphthalene	10.945	128	20570	5.151	ng		98
33) 4-Chloroaniline	11.044	127	7822	4.724	ng	#	90
34) Hexachlorobutadiene	11.238	225	6185	5.998	ng		96
35) Caprolactam	11.797	113	1567	4.768	ng	#	54
36) 4-Chloro-3-methylphenol	12.155	107	6166	5.038	ng		87
37) 2-Methylnaphthalene	12.549	142	15295m	5.279	ng		
38) 1-Methylnaphthalene	12.760	142	15156	5.350	ng		96
40) 1,2,4,5-Tetrachloroben...	12.907	216	11894	5.899	ng	#	95
43) 2,4,6-Trichlorophenol	13.148	196	6120	5.597	ng		94
44) 2,4,5-Trichlorophenol	13.212	196	6623	5.443	ng	#	85
46) 1,1'-Biphenyl	13.547	154	22125	5.170	ng		97

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Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.589	162	17905	5.378	ng		96
48)	2-Nitroaniline	13.777	65	3992	5.538	ng		95
49)	Acenaphthylene	14.429	152	27703	5.187	ng		99
50)	Dimethylphthalate	14.153	163	24579	5.586	ng	#	98
51)	2,6-Dinitrotoluene	14.270	165	4224	6.147	ng	#	72
52)	Acenaphthene	14.769	154	17248	5.083	ng		94
53)	3-Nitroaniline	14.599	138	3893	5.265	ng		98
55)	Dibenzofuran	15.104	168	28607	5.288	ng		94
56)	4-Nitrophenol	14.893	139	2580	4.175	ng		83
57)	2,4-Dinitrotoluene	15.052	165	5601	6.045	ng	#	86
58)	Fluorene	15.751	166	23494	5.245	ng		92
59)	2,3,4,6-Tetrachlorophenol	15.328	232	6248	5.176	ng	#	86
60)	Diethylphthalate	15.516	149	23723	5.323	ng		96
61)	4-Chlorophenyl-phenyle...	15.739	204	14379	5.955	ng	#	85
62)	4-Nitroaniline	15.751	138	4433	5.325	ng	#	73
63)	Azobenzene	16.033	77	18813	4.511	ng		91
66)	n-Nitrosodiphenylamine	15.950	169	20939	5.111	ng		90
67)	4-Bromophenyl-phenylether	16.638	248	9698	5.794	ng	#	88
68)	Hexachlorobenzene	16.761	284	11701	6.271	ng	#	90
69)	Atrazine	16.896	200	8223	5.127	ng		98
71)	Phenanthrene	17.490	178	42462	5.236	ng		98
72)	Anthracene	17.584	178	40391	5.089	ng		98
73)	Carbazole	17.848	167	34580	4.827	ng		98
74)	Di-n-butylphthalate	18.406	149	38308	4.650	ng	#	96
75)	Fluoranthene	19.499	202	55257	5.254	ng		98
77)	Benzidine	19.670	184	23024	5.082	ng		96
78)	Pyrene	19.858	202	58524	4.967	ng		99
80)	Butylbenzylphthalate	20.745	149	16349	4.255	ng		88
81)	Benzo(a)anthracene	21.708	228	62792	5.105	ng		98
82)	3,3'-Dichlorobenzidine	21.614	252	17444	5.032	ng		88
83)	Chrysene	21.773	228	61264	5.277	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.614	149	24314	4.400	ng		95
85)	Di-n-octyl phthalate	22.842	149	39673	4.317	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.712	276	69961	5.165	ng	#	79
88)	Benzo(b)fluoranthene	23.953	252	57242m	5.017	ng		
89)	Benzo(k)fluoranthene	24.017	252	59055	5.236	ng		96
90)	Benzo(a)pyrene	24.828	252	47245	4.896	ng	#	98
91)	Dibenzo(a,h)anthracene	28.765	278	58264	5.205	ng		98
92)	Benzo(g,h,i)perylene	29.864	276	58108	5.266	ng	#	95

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

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