Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053553.D
Acq On : 13 May 2022 21:42
Operator : CG/JU
Sample : N2795-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 14 03:15:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.082	152	31448	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	129927	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	97646	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	217200	20.000	ng		0.00
76) Chrysene-d12	21.740	240	202761	20.000	ng		0.00
86) Perylene-d12	25.018	264	213726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	172357	93.015	ng		0.00
7) Phenol-d6	7.254	99	262181	93.229	ng		0.00
23) Nitrobenzene-d5	9.251	82	182019	59.636	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	127071	88.234	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	410297	61.401	ng		0.00
79) Terphenyl-d14	20.060	244	692026	63.566	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	33752	34.716	ng	#	90
3) Pyridine	3.929	79	88530	37.286	ng		95
4) n-Nitrosodimethylamine	3.841	42	59200	51.183	ng	#	95
6) Aniline	7.406	93	137735	44.220	ng		97
8) 2-Chlorophenol	7.653	128	109992	56.781	ng		100
9) Benzaldehyde	7.218	77	71548m	40.048	ng		
10) Phenol	7.277	94	152563	55.469	ng		95
11) bis(2-Chloroethyl)ether	7.495	93	104165	50.780	ng		96
12) 1,3-Dichlorobenzene	7.976	146	116519	50.987	ng		95
13) 1,4-Dichlorobenzene	8.123	146	116472	50.506	ng		95
14) 1,2-Dichlorobenzene	8.440	146	112497	51.949	ng		98
15) Benzyl Alcohol	8.323	79	126344m	53.738	ng		
16) 2,2'-oxybis(1-Chloropr...	8.611	45	166546	49.885	ng		97
17) 2-Methylphenol	8.534	107	103090	55.455	ng		99
18) Hexachloroethane	9.169	117	44686	51.027	ng		96
19) n-Nitroso-di-n-propyla...	8.887	70	100747	49.931	ng		97
20) 3+4-Methylphenols	8.857	107	141641	53.948	ng		98
22) Acetophenone	8.910	105	174678	49.123	ng		97
24) Nitrobenzene	9.292	77	153890	52.093	ng		98
25) Isophorone	9.815	82	278957	54.307	ng		99
26) 2-Nitrophenol	10.003	139	63942	53.442	ng		95
27) 2,4-Dimethylphenol	10.062	122	109947	61.061	ng		95
28) bis(2-Chloroethoxy)met...	10.291	93	145222	49.156	ng		98
29) 2,4-Dichlorophenol	10.549	162	123756	56.947	ng		97
30) 1,2,4-Trichlorobenzene	10.761	180	130902	53.015	ng		98
31) Naphthalene	10.949	128	339678	51.396	ng		98
32) Benzoic acid	10.250	122	64917m	55.965	ng		
33) 4-Chloroaniline	11.049	127	67912	24.536	ng		96
34) Hexachlorobutadiene	11.231	225	95788	52.317	ng		98
35) Caprolactam	11.842	113	39089m	49.497	ng		
36) 4-Chloro-3-methylphenol	12.176	107	139941	53.834	ng		99
37) 2-Methylnaphthalene	12.547	142	244892	49.652	ng		98
38) 1-Methylnaphthalene	12.764	142	241111	50.105	ng		99
40) 1,2,4,5-Tetrachloroben...	12.917	216	165295	53.703	ng		99
41) Hexachlorocyclopentadiene	12.893	237	151158	116.087	ng		98
43) 2,4,6-Trichlorophenol	13.152	196	112221	55.856	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.234	196	118986	55.645	ng		99
46)	1,1'-Biphenyl	13.545	154	347002	52.134	ng		100
47)	2-Chloronaphthalene	13.592	162	270573	51.886	ng		99
48)	2-Nitroaniline	13.792	65	104512	53.786	ng		96
49)	Acenaphthylene	14.438	152	451621	54.272	ng		99
50)	Dimethylphthalate	14.162	163	362403	48.840	ng		99
51)	2,6-Dinitrotoluene	14.285	165	77931	51.551	ng		99
52)	Acenaphthene	14.779	154	256905	51.805	ng		98
53)	3-Nitroaniline	14.614	138	57030	34.915	ng		96
54)	2,4-Dinitrophenol	14.832	184	93401	95.980	ng		96
55)	Dibenzofuran	15.108	168	438950	49.278	ng		97
56)	4-Nitrophenol	14.937	139	120039	102.891	ng		93
57)	2,4-Dinitrotoluene	15.073	165	111268	50.778	ng	#	88
58)	Fluorene	15.760	166	356987	49.941	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.343	232	110691	51.020	ng		98
60)	Diethylphthalate	15.519	149	370451	48.331	ng		98
61)	4-Chlorophenyl-phenyle...	15.742	204	197423	49.495	ng		97
62)	4-Nitroaniline	15.783	138	75243	44.413	ng		96
63)	Azobenzene	16.036	77	380128	48.431	ng		99
65)	4,6-Dinitro-2-methylph...	15.842	198	66752	51.576	ng		99
66)	n-Nitrosodiphenylamine	15.960	169	313416	54.960	ng		99
67)	4-Bromophenyl-phenylether	16.641	248	140692	55.464	ng		98
68)	Hexachlorobenzene	16.770	284	154681	55.679	ng		97
69)	Atrazine	16.905	200	129942	54.127	ng		96
70)	Pentachlorophenol	17.117	266	161420	106.273	ng		97
71)	Phenanthrene	17.499	178	590508	53.468	ng		99
72)	Anthracene	17.593	178	574883	52.958	ng		98
73)	Carbazole	17.857	167	512680	48.189	ng		100
74)	Di-n-butylphthalate	18.403	149	584541	48.853	ng		99
75)	Fluoranthene	19.508	202	719215	50.294	ng		98
77)	Benzidine	19.684	184	216791	49.606	ng		99
78)	Pyrene	19.872	202	717859	54.691	ng		100
80)	Butylbenzylphthalate	20.741	149	256069	53.202	ng		94
81)	Benzo(a)anthracene	21.716	228	700537	54.169	ng		99
82)	3,3'-Dichlorobenzidine	21.628	252	175955	53.652	ng		95
83)	Chrysene	21.787	228	640605	53.037	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.605	149	419072	63.082	ng		98
85)	Di-n-octyl phthalate	22.833	149	612347	54.510	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.789	276	795827	53.463	ng		99
88)	Benzo(b)fluoranthene	23.978	252	736718	58.235	ng		99
89)	Benzo(k)fluoranthene	24.043	252	661948	53.248	ng		99
90)	Benzo(a)pyrene	24.865	252	688444	63.936	ng		98
91)	Dibenzo(a,h)anthracene	28.836	278	685073	55.853	ng		99
92)	Benzo(g,h,i)perylene	29.958	276	676545	55.645	ng		97

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

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