Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053564.D
Acq On : 16 May 2022 13:00
Operator : CG/JU
Sample : N2832-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 17 05:20:00 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 :
SB21MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	25244	20.000	ng		0.00
21) Naphthalene-d8	10.901	136	105184	20.000	ng	#	0.00
39) Acenaphthene-d10	14.714	164	84777	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	203920	20.000	ng		0.00
76) Chrysene-d12	21.746	240	186564	20.000	ng		0.00
86) Perylene-d12	25.029	264	196772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	145429	97.771	ng		0.00
7) Phenol-d6	7.253	99	213658	94.646	ng		0.00
23) Nitrobenzene-d5	9.251	82	145404	58.846	ng		0.00
42) 2,4,6-Tribromophenol	16.206	330	119255	95.376	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	321699	55.450	ng		0.00
79) Terphenyl-d14	20.065	244	570861	56.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	27046	34.655	ng		93
3) Pyridine	3.928	79	72753m	38.171	ng		
4) n-Nitrosodimethylamine	3.846	42	46437	50.016	ng	#	99
6) Aniline	7.406	93	96043	38.413	ng		95
8) 2-Chlorophenol	7.653	128	82406	52.995	ng		91
9) Benzaldehyde	7.218	77	55822m	38.924	ng		
10) Phenol	7.283	94	117157	53.064	ng		94
11) bis(2-Chloroethyl)ether	7.500	93	76706	46.584	ng		98
12) 1,3-Dichlorobenzene	7.976	146	85443	46.577	ng		92
13) 1,4-Dichlorobenzene	8.123	146	85896	46.402	ng		97
14) 1,2-Dichlorobenzene	8.446	146	83221	47.875	ng		99
15) Benzyl Alcohol	8.328	79	96605m	51.187	ng		
16) 2,2'-oxybis(1-Chloropr...	8.605	45	125498	46.828	ng		97
17) 2-Methylphenol	8.534	107	78261	52.445	ng		98
18) Hexachloroethane	9.174	117	33183	47.204	ng		92
19) n-Nitroso-di-n-propyla...	8.892	70	77314	47.734	ng		95
20) 3+4-Methylphenols	8.863	107	110908	52.624	ng		98
22) Acetophenone	8.910	105	135810	47.177	ng		97
24) Nitrobenzene	9.292	77	118243	49.442	ng		98
25) Isophorone	9.815	82	215879	51.913	ng		99
26) 2-Nitrophenol	10.008	139	51266	52.927	ng		98
27) 2,4-Dimethylphenol	10.067	122	85195	58.444	ng		98
28) bis(2-Chloroethoxy)met...	10.290	93	112819	47.171	ng		98
29) 2,4-Dichlorophenol	10.549	162	100807	57.299	ng		95
30) 1,2,4-Trichlorobenzene	10.760	180	95175	47.613	ng		98
31) Naphthalene	10.948	128	255258	47.708	ng		99
32) Benzoic acid	10.285	122	55m	8.535	ng		
33) 4-Chloroaniline	11.054	127	70963	31.670	ng		99
34) Hexachlorobutadiene	11.236	225	69724	47.039	ng		95
35) Caprolactam	11.835	113	35168	55.007	ng		95
36) 4-Chloro-3-methylphenol	12.182	107	116260	55.245	ng		99
37) 2-Methylnaphthalene	12.546	142	191084	47.856	ng		99
38) 1-Methylnaphthalene	12.769	142	184905	47.463	ng		95
40) 1,2,4,5-Tetrachloroben...	12.916	216	127945	47.879	ng		97
41) Hexachlorocyclopentadiene	12.899	237	114377	102.309	ng		99
43) 2,4,6-Trichlorophenol	13.157	196	99282	56.917	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.239	196	104768	56.434	ng	99
46)	1,1'-Biphenyl	13.551	154	269586	46.652	ng	98
47)	2-Chloronaphthalene	13.598	162	211677	46.754	ng	100
48)	2-Nitroaniline	13.792	65	87705	51.988	ng	97
49)	Acenaphthylene	14.438	152	364027	50.387	ng	99
50)	Dimethylphthalate	14.162	163	305125	47.363	ng	99
51)	2,6-Dinitrotoluene	14.285	165	66172	50.417	ng	98
52)	Acenaphthene	14.778	154	201982	46.912	ng	99
53)	3-Nitroaniline	14.620	138	46432	32.742	ng	97
54)	2,4-Dinitrophenol	14.837	184	29641	39.045	ng	95
55)	Dibenzofuran	15.113	168	351305	45.426	ng	98
56)	4-Nitrophenol	14.943	139	102391	101.087	ng	90
57)	2,4-Dinitrotoluene	15.078	165	96478	50.712	ng	91
58)	Fluorene	15.760	166	294645	47.477	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.348	232	100916	53.576	ng	96
60)	Diethylphthalate	15.519	149	317388	47.694	ng	99
61)	4-Chlorophenyl-phenyle...	15.748	204	161695	46.691	ng	99
62)	4-Nitroaniline	15.783	138	70046	47.621	ng	98
63)	Azobenzene	16.041	77	316508	46.447	ng	98
65)	4,6-Dinitro-2-methylph...	15.848	198	47499	39.090	ng	93
66)	n-Nitrosodiphenylamine	15.965	169	267813	50.021	ng	98
67)	4-Bromophenyl-phenylether	16.641	248	115227	48.383	ng	94
68)	Hexachlorobenzene	16.776	284	129489	49.646	ng	97
69)	Atrazine	16.905	200	104207	46.234	ng	98
70)	Pentachlorophenol	17.128	266	55758m	42.039	ng	
71)	Phenanthrene	17.504	178	496756	47.908	ng	97
72)	Anthracene	17.598	178	499595	49.019	ng	98
73)	Carbazole	17.863	167	454449	45.497	ng	100
74)	Di-n-butylphthalate	18.409	149	520586	46.341	ng	99
75)	Fluoranthene	19.513	202	585548	43.613	ng	99
77)	Benzidine	19.684	184	212530	52.853	ng	98
78)	Pyrene	19.872	202	579535	47.986	ng	99
80)	Butylbenzylphthalate	20.747	149	216788	48.951	ng	97
81)	Benzo(a)anthracene	21.722	228	583783	49.060	ng	100
82)	3,3'-Dichlorobenzidine	21.628	252	107161	35.512	ng	95
83)	Chrysene	21.793	228	532687	47.931	ng	98
84)	Bis(2-ethylhexyl)phtha...	21.610	149	306147	50.085	ng	97
85)	Di-n-octyl phthalate	22.838	149	518609	50.174	ng	98
87)	Indeno(1,2,3-cd)pyrene	28.807	276	635561	46.375	ng	99
88)	Benzo(b)fluoranthene	23.984	252	581621	49.936	ng	100
89)	Benzo(k)fluoranthene	24.054	252	561829	49.088	ng	99
90)	Benzo(a)pyrene	24.877	252	568213	57.317	ng	99
91)	Dibenzo(a,h)anthracene	28.854	278	553408	49.006	ng	99
92)	Benzo(g,h,i)perylene	29.981	276	553338	49.433	ng	97

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

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