Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052545.D
Acq On : 2 Mar 2022 20:19
Operator : CG/JU
Sample : N1708-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

Quant Time: Mar 03 02:27:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	29733	20.000	ng		0.00
21) Naphthalene-d8	11.059	136	118930	20.000	ng	#	0.00
39) Acenaphthene-d10	14.866	164	85018	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	207657	20.000	ng		0.00
76) Chrysene-d12	21.933	240	198067	20.000	ng	#	0.00
86) Perylene-d12	25.398	264	207002	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.754	112	225715	132.308	ng		0.00
7) Phenol-d6	7.370	99	319698	121.455	ng		0.00
23) Nitrobenzene-d5	9.391	82	211295	77.215	ng		0.00
42) 2,4,6-Tribromophenol	16.352	330	157137	128.651	ng		0.00
45) 2-Fluorobiphenyl	13.485	172	493467	80.652	ng		0.00
79) Terphenyl-d14	20.211	244	889159	79.273	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	31983	40.714	ng		88
3) Pyridine	3.992	79	80792	35.462	ng		94
4) n-Nitrosodimethylamine	3.898	42	48775	41.461	ng	#	67
6) Aniline	7.528	93	103356	33.797	ng		97
8) 2-Chlorophenol	7.781	128	100909	53.769	ng		90
9) Benzaldehyde	7.340	77	69975	50.957	ng		96
10) Phenol	7.399	94	143491	54.865	ng		93
11) bis(2-Chloroethyl)ether	7.622	93	92227	46.134	ng		95
12) 1,3-Dichlorobenzene	8.110	146	105228	49.211	ng		96
13) 1,4-Dichlorobenzene	8.257	146	106161	48.702	ng		99
14) 1,2-Dichlorobenzene	8.580	146	104595	48.653	ng		95
15) Benzyl Alcohol	8.457	79	101967	46.675	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.744	45	121306	42.022	ng		95
17) 2-Methylphenol	8.668	107	89702	51.976	ng		94
18) Hexachloroethane	9.320	117	36410	48.037	ng		95
19) n-Nitroso-di-n-propyla...	9.026	70	85295	42.982	ng		88
20) 3+4-Methylphenols	8.991	107	122004	49.413	ng		90
22) Acetophenone	9.050	105	150678	47.937	ng	#	94
24) Nitrobenzene	9.438	77	125744	48.442	ng		92
25) Isophorone	9.960	82	234653	50.397	ng		98
26) 2-Nitrophenol	10.154	139	57528	52.288	ng		88
27) 2,4-Dimethylphenol	10.213	122	101070	62.045	ng		90
28) bis(2-Chloroethoxy)met...	10.442	93	127879	48.395	ng		98
29) 2,4-Dichlorophenol	10.707	162	103313	52.912	ng		99
30) 1,2,4-Trichlorobenzene	10.918	180	110833	48.611	ng		99
31) Naphthalene	11.112	128	306572	49.171	ng		98
32) Benzoic acid	10.366	122	57517	53.785	ng		96
33) 4-Chloroaniline	11.212	127	54299	20.860	ng		98
34) Hexachlorobutadiene	11.394	225	71472	46.417	ng		99
35) Caprolactam	11.987	113	35278m	49.578	ng		
36) 4-Chloro-3-methylphenol	12.328	107	115189	51.855	ng		98
37) 2-Methylnaphthalene	12.704	142	228841	49.416	ng		98
38) 1-Methylnaphthalene	12.921	142	219558	48.928	ng		100
40) 1,2,4,5-Tetrachloroben...	13.074	216	133638	47.790	ng		99
41) Hexachlorocyclopentadiene	13.050	237	142625	104.184	ng		95
43) 2,4,6-Trichlorophenol	13.303	196	96773	52.914	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.385	196	103660	52.302	ng		93
46)	1,1'-Biphenyl	13.697	154	314150	50.391	ng		99
47)	2-Chloronaphthalene	13.749	162	238961	49.752	ng		98
48)	2-Nitroaniline	13.943	65	82699	48.363	ng		90
49)	Acenaphthylene	14.589	152	413094	52.835	ng		100
50)	Dimethylphthalate	14.308	163	320641	49.232	ng		99
51)	2,6-Dinitrotoluene	14.431	165	73284	52.144	ng	#	87
52)	Acenaphthene	14.930	154	289113m	56.462	ng		
53)	3-Nitroaniline	14.766	138	45469	31.125	ng		93
54)	2,4-Dinitrophenol	14.977	184	97644	110.218	ng		90
55)	Dibenzofuran	15.265	168	385851	47.916	ng		99
56)	4-Nitrophenol	15.077	139	120698	110.019	ng		88
57)	2,4-Dinitrotoluene	15.218	165	106224	53.103	ng	#	86
58)	Fluorene	15.911	166	321605	50.028	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.488	232	95359	50.366	ng	#	96
60)	Diethylphthalate	15.665	149	325627	49.494	ng		98
61)	4-Chlorophenyl-phenyle...	15.894	204	174868	47.754	ng		96
62)	4-Nitroaniline	15.929	138	76339	49.638	ng		87
63)	Azobenzene	16.187	77	307613	45.673	ng		94
65)	4,6-Dinitro-2-methylph...	15.988	198	64980	52.018	ng		87
66)	n-Nitrosodiphenylamine	16.111	169	284778	49.773	ng		98
67)	4-Bromophenyl-phenylether	16.792	248	120541	47.733	ng		93
68)	Hexachlorobenzene	16.927	284	132305	48.304	ng		91
69)	Atrazine	17.051	200	118451	51.208	ng		94
70)	Pentachlorophenol	17.268	266	155155	115.789	ng		97
71)	Phenanthrene	17.662	178	523060	48.862	ng		97
72)	Anthracene	17.750	178	523725	49.926	ng		99
73)	Carbazole	18.014	167	485872	47.490	ng		99
74)	Di-n-butylphthalate	18.555	149	561003	50.327	ng		99
75)	Fluoranthene	19.665	202	647076	47.471	ng		98
77)	Benzidine	19.835	184	279719	66.092	ng		100
78)	Pyrene	20.023	202	649333	48.994	ng		99
80)	Butylbenzylphthalate	20.893	149	237087	51.499	ng		93
81)	Benzo(a)anthracene	21.915	228	646587	49.332	ng		100
82)	3,3'-Dichlorobenzidine	21.815	252	163402	35.711	ng		96
83)	Chrysene	21.985	228	596469	48.024	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.786	149	338500	53.027	ng		97
85)	Di-n-octyl phthalate	23.078	149	568518	53.119	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.411	276	723634	47.771	ng	#	94
88)	Benzo(b)fluoranthene	24.294	252	667240	51.726	ng		98
89)	Benzo(k)fluoranthene	24.365	252	640941	50.298	ng		97
90)	Benzo(a)pyrene	25.240	252	642319	58.947	ng		99
91)	Dibenzo(a,h)anthracene	29.469	278	627186	50.121	ng		98
92)	Benzo(g,h,i)perylene	30.662	276	613602	49.965	ng		96

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

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