Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052343.D
Acq On : 9 Feb 2022 20:16
Operator : CG/JU
Sample : N1432-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Quant Time: Feb 10 00:08:45 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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	24799	20.000	ng		0.00
21) Naphthalene-d8	11.068	136	110461	20.000	ng	#	0.00
39) Acenaphthene-d10	14.874	164	84394	20.000	ng		0.00
64) Phenanthrene-d10	17.624	188	210453	20.000	ng		0.00
76) Chrysene-d12	21.941	240	199794	20.000	ng		0.00
86) Perylene-d12	25.413	264	205605	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	123558	86.836	ng		0.00
7) Phenol-d6	7.373	99	190377	86.715	ng		0.00
23) Nitrobenzene-d5	9.399	82	125921	49.544	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	100200	82.642	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	304264	50.097	ng		0.00
79) Terphenyl-d14	20.214	244	583006	51.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	23809	36.339	ng		96
3) Pyridine	3.989	79	58962	31.029	ng		94
4) n-Nitrosodimethylamine	3.895	42	39538	40.296	ng		91
6) Aniline	7.537	93	81782	32.063	ng		97
8) 2-Chlorophenol	7.790	128	81929	52.341	ng		92
9) Benzaldehyde	7.343	77	56029	47.567	ng		99
10) Phenol	7.402	94	114586	52.529	ng		99
11) bis(2-Chloroethyl)ether	7.625	93	72810	43.668	ng		92
12) 1,3-Dichlorobenzene	8.113	146	81832	45.884	ng		97
13) 1,4-Dichlorobenzene	8.260	146	84975	46.738	ng		94
14) 1,2-Dichlorobenzene	8.589	146	83333	46.475	ng		97
15) Benzyl Alcohol	8.460	79	87631	48.094	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.747	45	100178	41.607	ng		97
17) 2-Methylphenol	8.671	107	75445	52.413	ng		95
18) Hexachloroethane	9.329	117	28834	45.610	ng		94
19) n-Nitroso-di-n-propyla...	9.035	70	70970	42.879	ng		94
20) 3+4-Methylphenols	9.000	107	104714	50.848	ng		96
22) Acetophenone	9.053	105	122630	42.005	ng	#	95
24) Nitrobenzene	9.441	77	105357	43.700	ng		96
25) Isophorone	9.969	82	194030	44.867	ng		98
26) 2-Nitrophenol	10.163	139	47547	46.529	ng		93
27) 2,4-Dimethylphenol	10.222	122	86455	57.143	ng		92
28) bis(2-Chloroethoxy)met...	10.445	93	103950	42.355	ng		100
29) 2,4-Dichlorophenol	10.709	162	89601	49.408	ng		97
30) 1,2,4-Trichlorobenzene	10.927	180	92432	43.649	ng		96
31) Naphthalene	11.121	128	257693	44.500	ng		96
32) Benzoic acid	10.363	122	56450	56.496	ng		96
33) 4-Chloroaniline	11.215	127	44682	18.481	ng		97
34) Hexachlorobutadiene	11.403	225	58986	41.245	ng		98
35) Caprolactam	11.984	113	33773m	51.102	ng		
36) 4-Chloro-3-methylphenol	12.337	107	104584	50.691	ng		96
37) 2-Methylnaphthalene	12.713	142	198424	46.133	ng		98
38) 1-Methylnaphthalene	12.930	142	189929	45.571	ng		99
40) 1,2,4,5-Tetrachloroben...	13.083	216	119605	43.088	ng		98
41) Hexachlorocyclopentadiene	13.059	237	117011	87.018	ng		97
43) 2,4,6-Trichlorophenol	13.312	196	85890	47.311	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	95117	48.347	ng		94
46) 1,1'-Biphenyl	13.705	154	279217	45.119	ng		99
47) 2-Chloronaphthalene	13.758	162	214574	45.005	ng		96
48) 2-Nitroaniline	13.952	65	78303	46.130	ng		88
49) Acenaphthylene	14.598	152	366549	47.228	ng		99
50) Dimethylphthalate	14.316	163	284767	44.047	ng		100
51) 2,6-Dinitrotoluene	14.440	165	66321	47.538	ng	#	86
52) Acenaphthene	14.939	154	264367m	52.011	ng		
53) 3-Nitroaniline	14.769	138	37260	25.695	ng		99
54) 2,4-Dinitrophenol	14.980	184	83536	95.667	ng		96
55) Dibenzofuran	15.274	168	349218	43.688	ng		99
56) 4-Nitrophenol	15.080	139	112197	103.027	ng		86
57) 2,4-Dinitrotoluene	15.227	165	95538	48.114	ng	#	88
58) Fluorene	15.920	166	296574	46.476	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.497	232	92362	49.143	ng	#	98
60) Diethylphthalate	15.673	149	296812	45.448	ng		97
61) 4-Chlorophenyl-phenyle...	15.902	204	161926	44.546	ng		97
62) 4-Nitroaniline	15.932	138	67699	44.346	ng		89
63) Azobenzene	16.196	77	291971	43.671	ng		96
65) 4,6-Dinitro-2-methylph...	15.996	198	57460	45.387	ng		92
66) n-Nitrosodiphenylamine	16.114	169	264203	45.564	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	111081	43.402	ng		96
68) Hexachlorobenzene	16.936	284	125919	45.362	ng		91
69) Atrazine	17.060	200	113179	48.279	ng		95
70) Pentachlorophenol	17.277	266	143618	105.756	ng		98
71) Phenanthrene	17.671	178	488221	45.001	ng		99
72) Anthracene	17.759	178	489592	46.052	ng		99
73) Carbazole	18.023	167	453204	43.708	ng		99
74) Di-n-butylphthalate	18.564	149	515193	45.603	ng		99
75) Fluoranthene	19.668	202	608001	44.012	ng		99
77) Benzidine	19.838	184	221201	51.814	ng		99
78) Pyrene	20.032	202	615870	46.067	ng		98
80) Butylbenzylphthalate	20.902	149	223407	48.108	ng		92
81) Benzo(a)anthracene	21.924	228	593431	44.885	ng		100
82) 3,3'-Dichlorobenzidine	21.824	252	120661	26.142	ng		99
83) Chrysene	21.994	228	550759	43.961	ng		100
84) Bis(2-ethylhexyl)phtha...	21.800	149	306179	47.549	ng		98
85) Di-n-octyl phthalate	23.093	149	511276	47.358	ng		96
87) Indeno(1,2,3-cd)pyrene	29.425	276	662805	44.053	ng	#	97
88) Benzo(b)fluoranthene	24.309	252	613159m	47.857	ng		
89) Benzo(k)fluoranthene	24.379	252	572044	45.196	ng		97
90) Benzo(a)pyrene	25.254	252	583861	53.946	ng		99
91) Dibenzo(a,h)anthracene	29.496	278	569913	45.853	ng		97
92) Benzo(g,h,i)perylene	30.688	276	563691	46.213	ng		97

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

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