Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053565.D
Acq On : 16 May 2022 13:39
Operator : CG/JU
Sample : N2832-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB21MSD

Manual Integrations APPROVED

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

Quant Time: May 17 05:20:14 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26696	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	107670	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	84034	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	199748	20.000	ng	0.00
76) Chrysene-d12	21.746	240	184976	20.000	ng	0.00
86) Perylene-d12	25.024	264	195361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	142428	90.545	ng	0.00
7) Phenol-d6	7.254	99	216713	90.778	ng	0.00
23) Nitrobenzene-d5	9.251	82	149520	59.114	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	117821	95.063	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	326114	56.708	ng	0.00
79) Terphenyl-d14	20.060	244	572832	57.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	27809	33.694	ng	# 89
3) Pyridine	3.935	79	72815m	36.126	ng	
4) n-Nitrosodimethylamine	3.846	42	46060	46.911	ng	# 97
6) Aniline	7.406	93	101332	38.324	ng	97
8) 2-Chlorophenol	7.659	128	83956	51.055	ng	98
9) Benzaldehyde	7.218	77	56440m	37.215	ng	
10) Phenol	7.283	94	118462	50.737	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	80222	46.069	ng	95
12) 1,3-Dichlorobenzene	7.976	146	88808	45.779	ng	94
13) 1,4-Dichlorobenzene	8.123	146	90046	45.998	ng	98
14) 1,2-Dichlorobenzene	8.440	146	86688	47.157	ng	93
15) Benzyl Alcohol	8.323	79	96743m	48.472	ng	
16) 2,2'-oxybis(1-Chloropr...	8.611	45	132101	46.611	ng	98
17) 2-Methylphenol	8.534	107	80111	50.765	ng	92
18) Hexachloroethane	9.175	117	34744	46.736	ng	96
19) n-Nitroso-di-n-propyla...	8.887	70	80182	46.812	ng	97
20) 3+4-Methylphenols	8.863	107	110563	49.607	ng	97
22) Acetophenone	8.910	105	135761	46.071	ng	98
24) Nitrobenzene	9.292	77	119537	48.829	ng	100
25) Isophorone	9.815	82	220320	51.758	ng	100
26) 2-Nitrophenol	10.009	139	50951	51.387	ng	97
27) 2,4-Dimethylphenol	10.067	122	84933	56.919	ng	98
28) bis(2-Chloroethoxy)met...	10.291	93	116886	47.744	ng	99
29) 2,4-Dichlorophenol	10.549	162	97737	54.271	ng	94
30) 1,2,4-Trichlorobenzene	10.761	180	97798	47.796	ng	99
31) Naphthalene	10.949	128	262082	47.852	ng	97
32) Benzoic acid	10.355	122	5895m	13.689	ng	
33) 4-Chloroaniline	11.054	127	74590	32.520	ng	99
34) Hexachlorobutadiene	11.236	225	70854	46.698	ng	97
35) Caprolactam	11.842	113	34258m	52.346	ng	
36) 4-Chloro-3-methylphenol	12.182	107	114479	53.142	ng	96
37) 2-Methylnaphthalene	12.546	142	194356	47.551	ng	98
38) 1-Methylnaphthalene	12.770	142	187277	46.962	ng	100
40) 1,2,4,5-Tetrachloroben...	12.917	216	126713	47.837	ng	98
41) Hexachlorocyclopentadiene	12.899	237	114809	103.492	ng	96
43) 2,4,6-Trichlorophenol	13.157	196	96243	55.663	ng	96

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44) 2,4,5-Trichlorophenol	13.234	196	100929	54.846	ng		98
46) 1,1'-Biphenyl	13.551	154	275122	48.030	ng		98
47) 2-Chloronaphthalene	13.598	162	211482	47.124	ng		98
48) 2-Nitroaniline	13.798	65	86945	51.993	ng		98
49) Acenaphthylene	14.438	152	364007	50.829	ng		98
50) Dimethylphthalate	14.168	163	301025	47.140	ng		99
51) 2,6-Dinitrotoluene	14.285	165	66957	51.466	ng		97
52) Acenaphthene	14.779	154	205196	48.080	ng		98
53) 3-Nitroaniline	14.620	138	46812	33.301	ng		99
54) 2,4-Dinitrophenol	14.837	184	43572	54.888	ng		93
55) Dibenzofuran	15.114	168	352215	45.946	ng		96
56) 4-Nitrophenol	14.937	139	102782	102.370	ng		92
57) 2,4-Dinitrotoluene	15.078	165	95746	50.772	ng		89
58) Fluorene	15.760	166	287263	46.697	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.343	232	99799	53.451	ng		99
60) Diethylphthalate	15.519	149	312109	47.316	ng		99
61) 4-Chlorophenyl-phenyle...	15.748	204	161308	46.991	ng		99
62) 4-Nitroaniline	15.783	138	67877	46.555	ng		95
63) Azobenzene	16.042	77	310671	45.993	ng		99
65) 4,6-Dinitro-2-methylph...	15.848	198	53227	44.719	ng		97
66) n-Nitrosodiphenylamine	15.959	169	263428	50.230	ng		96
67) 4-Bromophenyl-phenylether	16.641	248	115958	49.707	ng		96
68) Hexachlorobenzene	16.770	284	128021	50.108	ng		99
69) Atrazine	16.905	200	111847	50.660	ng		96
70) Pentachlorophenol	17.123	266	94379m	69.258	ng		
71) Phenanthrene	17.504	178	488007	48.047	ng		97
72) Anthracene	17.593	178	492867	49.369	ng		99
73) Carbazole	17.863	167	449206	45.911	ng		99
74) Di-n-butylphthalate	18.409	149	510160	46.362	ng		99
75) Fluoranthene	19.513	202	587582	44.679	ng		99
77) Benzidine	19.684	184	238993	59.944	ng		99
78) Pyrene	19.872	202	576592	48.152	ng		99
80) Butylbenzylphthalate	20.747	149	213968	48.729	ng		97
81) Benzo(a)anthracene	21.722	228	573181	48.582	ng		100
82) 3,3'-Dichlorobenzidine	21.628	252	122349	40.894	ng		98
83) Chrysene	21.793	228	522713	47.437	ng		98
84) Bis(2-ethylhexyl)phtha...	21.611	149	306754	50.615	ng		99
85) Di-n-octyl phthalate	22.838	149	522498	50.984	ng		99
87) Indeno(1,2,3-cd)pyrene	28.801	276	644845	47.393	ng	#	95
88) Benzo(b)fluoranthene	23.984	252	588855	50.923	ng		100
89) Benzo(k)fluoranthene	24.054	252	558026	49.108	ng		99
90) Benzo(a)pyrene	24.877	252	562077	57.107	ng		100
91) Dibenzo(a,h)anthracene	28.854	278	559993	49.947	ng		97
92) Benzo(g,h,i)perylene	29.982	276	560275	50.414	ng		95

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

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