Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053170.D
Acq On : 15 Apr 2022 18:40
Operator : CG/JU
Sample : N2394-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

Quant Time: Apr 18 03:16:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.118	152	29148	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	118438	20.000	ng		0.00
39) Acenaphthene-d10	14.738	164	91854	20.000	ng		-0.01
64) Phenanthrene-d10	17.487	188	225644	20.000	ng		0.00
76) Chrysene-d12	21.770	240	231837	20.000	ng		0.00
86) Perylene-d12	25.071	264	250646	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	234922	138.157	ng		0.00
7) Phenol-d6	7.283	99	313952	119.729	ng		0.00
23) Nitrobenzene-d5	9.281	82	256310	87.869	ng		0.00
42) 2,4,6-Tribromophenol	16.230	330	199436	136.473	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	563977	84.664	ng		0.00
79) Terphenyl-d14	20.090	244	1227809	89.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.577	88	36687	45.179	ng	#	32
3) Pyridine	3.982	79	72906	34.041	ng	#	91
4) n-Nitrosodimethylamine	3.882	42	55930	52.735	ng		91
6) Aniline	7.436	93	91844	30.222	ng		96
8) 2-Chlorophenol	7.683	128	97454	53.087	ng		94
9) Benzaldehyde	7.248	77	78587	50.138	ng		88
10) Phenol	7.307	94	119372	45.734	ng		86
11) bis(2-Chloroethyl)ether	7.530	93	96312	51.188	ng		92
12) 1,3-Dichlorobenzene	8.012	146	106757	50.047	ng		94
13) 1,4-Dichlorobenzene	8.159	146	107824	49.581	ng		97
14) 1,2-Dichlorobenzene	8.476	146	105177	50.153	ng		96
15) Benzyl Alcohol	8.352	79	117197	50.283	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	152724	48.619	ng		97
17) 2-Methylphenol	8.564	107	90181	51.057	ng		95
18) Hexachloroethane	9.204	117	40518	49.684	ng		96
19) n-Nitroso-di-n-propyla...	8.922	70	91690	47.762	ng		94
20) 3+4-Methylphenols	8.887	107	119829	48.059	ng		92
22) Acetophenone	8.940	105	159335	48.492	ng		95
24) Nitrobenzene	9.322	77	138807	48.923	ng	#	89
25) Isophorone	9.845	82	255780	51.590	ng		98
26) 2-Nitrophenol	10.038	139	58030	48.912	ng	#	89
27) 2,4-Dimethylphenol	10.091	122	100357	59.063	ng		93
28) bis(2-Chloroethoxy)met...	10.326	93	136467	48.994	ng		97
29) 2,4-Dichlorophenol	10.579	162	109434	51.231	ng		96
30) 1,2,4-Trichlorobenzene	10.790	180	114831	47.498	ng		92
31) Naphthalene	10.978	128	300246	47.516	ng		99
32) Benzoic acid	10.238	122	40799	37.734	ng		88
33) 4-Chloroaniline	11.084	127	34276	12.667	ng		94
34) Hexachlorobutadiene	11.266	225	83830	46.680	ng		99
35) Caprolactam	11.854	113	31380m	41.677	ng		
36) 4-Chloro-3-methylphenol	12.206	107	126859	51.012	ng		94
37) 2-Methylnaphthalene	12.576	142	223515	47.804	ng		97
38) 1-Methylnaphthalene	12.794	142	215790	47.281	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.946	216	143347	45.949	ng		99
41) Hexachlorocyclopentadiene	12.923	237	172228	106.944	ng		94
43) 2,4,6-Trichlorophenol	13.181	196	105313	48.962	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	111474	48.635	ng		98
46) 1,1'-Biphenyl	13.575	154	312758	47.282	ng		99
47) 2-Chloronaphthalene	13.622	162	245229	46.468	ng		95
48) 2-Nitroaniline	13.816	65	99971	49.917	ng		88
49) Acenaphthylene	14.468	152	420860	50.944	ng		98
50) Dimethylphthalate	14.186	163	353373	48.099	ng		99
51) 2,6-Dinitrotoluene	14.309	165	78753	51.382	ng	#	84
52) Acenaphthene	14.803	154	293864m	52.454	ng		
53) 3-Nitroaniline	14.638	138	47363	29.224	ng		94
54) 2,4-Dinitrophenol	14.844	184	77967	79.948	ng		91
55) Dibenzofuran	15.137	168	409546	46.686	ng		97
56) 4-Nitrophenol	14.955	139	119816	96.936	ng	#	81
57) 2,4-Dinitrotoluene	15.096	165	111357	51.033	ng		93
58) Fluorene	15.790	166	338093	47.719	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.367	232	110168	49.494	ng		100
60) Diethylphthalate	15.549	149	369921	48.056	ng		99
61) 4-Chlorophenyl-phenyle...	15.772	204	187766	46.750	ng		99
62) 4-Nitroaniline	15.801	138	77522	45.330	ng	#	77
63) Azobenzene	16.066	77	362330	46.687	ng		97
65) 4,6-Dinitro-2-methylph...	15.866	198	63895	40.587	ng		99
66) n-Nitrosodiphenylamine	15.989	169	309322	47.670	ng		100
67) 4-Bromophenyl-phenylether	16.671	248	139528	48.258	ng		98
68) Hexachlorobenzene	16.794	284	151381	48.347	ng	#	91
69) Atrazine	16.929	200	136484	53.847	ng		98
70) Pentachlorophenol	17.141	266	181290	105.940	ng		92
71) Phenanthrene	17.528	178	601568	48.808	ng		98
72) Anthracene	17.616	178	607422	49.746	ng		99
73) Carbazole	17.887	167	557918	47.005	ng		99
74) Di-n-butylphthalate	18.433	149	652799	48.494	ng		97
75) Fluoranthene	19.532	202	786901	49.808	ng		98
77) Benzidine	19.708	184	103238	15.607	ng		96
78) Pyrene	19.896	202	791385	47.929	ng		99
80) Butylbenzylphthalate	20.771	149	296760	48.209	ng		98
81) Benzo(a)anthracene	21.752	228	782916	49.391	ng		97
82) 3,3'-Dichlorobenzidine	21.658	252	199119	34.157	ng		100
83) Chrysene	21.817	228	710317	48.284	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	416609	50.069	ng		99
85) Di-n-octyl phthalate	22.880	149	704282	50.609	ng		97
87) Indeno(1,2,3-cd)pyrene	28.854	276	870648	46.755	ng	#	97
88) Benzo(b)fluoranthene	24.020	252	817705	51.707	ng		99
89) Benzo(k)fluoranthene	24.090	252	779541	50.155	ng		98
90) Benzo(a)pyrene	24.924	252	777976	57.746	ng		96
91) Dibenzo(a,h)anthracene	28.913	278	763377	49.808	ng		97
92) Benzo(g,h,i)perylene	30.041	276	759976	50.308	ng		98

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

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