Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053166.D
Acq On : 15 Apr 2022 16:04
Operator : CG/JU
Sample : N2430-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MS

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

Quant Time: Apr 18 03:14:51 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	8.117	152	34487	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	133406	20.000	ng		0.00
39) Acenaphthene-d10	14.743	164	100944	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	240398	20.000	ng		0.00
76) Chrysene-d12	21.769	240	227497	20.000	ng		0.00
86) Perylene-d12	25.070	264	249379	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	215358	107.044	ng		0.00
7) Phenol-d6	7.283	99	311416	100.376	ng		0.00
23) Nitrobenzene-d5	9.280	82	217208	66.109	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	163933	102.077	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	475483	64.951	ng		0.00
79) Terphenyl-d14	20.089	244	867131	64.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	37663	39.200	ng		90
3) Pyridine	3.963	79	95295	37.606	ng	#	91
4) n-Nitrosodimethylamine	3.875	42	58720	46.794	ng		82
6) Aniline	7.435	93	112055	31.165	ng		96
8) 2-Chlorophenol	7.682	128	103682	47.736	ng		94
9) Benzaldehyde	7.247	77	82410	44.437	ng		96
10) Phenol	7.306	94	144876	46.913	ng		89
11) bis(2-Chloroethyl)ether	7.529	93	97886	43.971	ng		88
12) 1,3-Dichlorobenzene	8.005	146	110167	43.650	ng		96
13) 1,4-Dichlorobenzene	8.152	146	112339	43.660	ng		95
14) 1,2-Dichlorobenzene	8.475	146	107839	43.462	ng		98
15) Benzyl Alcohol	8.352	79	122399	44.385	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	157553	42.391	ng		98
17) 2-Methylphenol	8.563	107	96498	46.176	ng		96
18) Hexachloroethane	9.209	117	42330	43.871	ng		99
19) n-Nitroso-di-n-propyla...	8.921	70	92544	40.744	ng	#	94
20) 3+4-Methylphenols	8.886	107	133522	45.260	ng		95
22) Acetophenone	8.939	105	163701	44.231	ng		94
24) Nitrobenzene	9.321	77	142038	44.445	ng		92
25) Isophorone	9.844	82	258454	46.280	ng		98
26) 2-Nitrophenol	10.038	139	60600	45.347	ng	#	89
27) 2,4-Dimethylphenol	10.096	122	103328	53.989	ng		91
28) bis(2-Chloroethoxy)met...	10.325	93	137663	43.878	ng		99
29) 2,4-Dichlorophenol	10.578	162	115063	47.823	ng		99
30) 1,2,4-Trichlorobenzene	10.790	180	119685	43.951	ng		98
31) Naphthalene	10.983	128	315192	44.284	ng		99
32) Benzoic acid	10.249	122	66899	53.277	ng		88
33) 4-Chloroaniline	11.083	127	71646	23.506	ng		98
34) Hexachlorobutadiene	11.265	225	88461	43.732	ng		96
35) Caprolactam	11.853	113	39794m	46.922	ng		
36) 4-Chloro-3-methylphenol	12.205	107	130179	46.474	ng		95
37) 2-Methylnaphthalene	12.575	142	228953	43.473	ng	#	96
38) 1-Methylnaphthalene	12.793	142	222174	43.218	ng		97
40) 1,2,4,5-Tetrachloroben...	12.945	216	148257	43.243	ng		98
41) Hexachlorocyclopentadiene	12.928	237	186691	105.486	ng		92
43) 2,4,6-Trichlorophenol	13.180	196	107463	45.462	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	114464	45.442	ng		95
46) 1,1'-Biphenyl	13.574	154	321411	44.214	ng		98
47) 2-Chloronaphthalene	13.621	162	249504	43.021	ng		96
48) 2-Nitroaniline	13.815	65	99304	45.119	ng		90
49) Acenaphthylene	14.467	152	427886	47.130	ng		100
50) Dimethylphthalate	14.191	163	352217	43.624	ng		99
51) 2,6-Dinitrotoluene	14.308	165	77657	46.105	ng		86
52) Acenaphthene	14.808	154	314207m	51.035	ng		
53) 3-Nitroaniline	14.637	138	48262	27.097	ng		89
54) 2,4-Dinitrophenol	14.849	184	102594	95.728	ng	#	88
55) Dibenzofuran	15.137	168	406959	42.214	ng		98
56) 4-Nitrophenol	14.954	139	128226	94.398	ng	#	75
57) 2,4-Dinitrotoluene	15.095	165	108895	45.411	ng		87
58) Fluorene	15.789	166	340182	43.690	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.366	232	113365	46.344	ng		98
60) Diethylphthalate	15.548	149	357925	42.311	ng		99
61) 4-Chlorophenyl-phenyle...	15.771	204	188014	42.596	ng		98
62) 4-Nitroaniline	15.800	138	81460	43.344	ng	#	82
63) Azobenzene	16.065	77	357177	41.878	ng		98
65) 4,6-Dinitro-2-methylph...	15.865	198	71757	42.784	ng		98
66) n-Nitrosodiphenylamine	15.988	169	306264	44.302	ng		97
67) 4-Bromophenyl-phenylether	16.670	248	135226	43.900	ng		97
68) Hexachlorobenzene	16.799	284	151530	45.424	ng		95
69) Atrazine	16.934	200	133639	49.489	ng		97
70) Pentachlorophenol	17.140	266	183546	100.676	ng		92
71) Phenanthrene	17.527	178	580328	44.195	ng		98
72) Anthracene	17.621	178	591093	45.438	ng		99
73) Carbazole	17.886	167	546031	43.180	ng		99
74) Di-n-butylphthalate	18.432	149	627031	43.721	ng		97
75) Fluoranthene	19.531	202	729785	43.358	ng		99
77) Benzidine	19.707	184	382372	58.909	ng		99
78) Pyrene	19.895	202	722891	44.616	ng		99
80) Butylbenzylphthalate	20.770	149	265799	44.003	ng		97
81) Benzo(a)anthracene	21.751	228	694680	44.661	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	126858	22.176	ng		99
83) Chrysene	21.822	228	637498	44.161	ng		100
84) Bis(2-ethylhexyl)phtha...	21.640	149	364051	44.587	ng		99
85) Di-n-octyl phthalate	22.879	149	618432	45.288	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.853	276	828407	44.712	ng	#	96
88) Benzo(b)fluoranthene	24.019	252	715629	45.482	ng		97
89) Benzo(k)fluoranthene	24.095	252	699457	45.231	ng		98
90) Benzo(a)pyrene	24.917	252	706812	52.730	ng		99
91) Dibenzo(a,h)anthracene	28.912	278	712569	46.729	ng		97
92) Benzo(g,h,i)perylene	30.046	276	719384	47.863	ng		98

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

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