Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053331.D
Acq On : 26 Apr 2022 22:06
Operator : CG/JU
Sample : N2481-12MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-30MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:38:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	23391	20.000	ng		0.00
21) Naphthalene-d8	10.918	136	94131	20.000	ng		0.00
39) Acenaphthene-d10	14.731	164	75977	20.000	ng		0.00
64) Phenanthrene-d10	17.474	188	191888	20.000	ng		0.00
76) Chrysene-d12	21.763	240	197843	20.000	ng		0.00
86) Perylene-d12	25.052	264	205301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	109123	79.970	ng		0.00
7) Phenol-d6	7.270	99	109428	52.002	ng		0.00
23) Nitrobenzene-d5	9.268	82	188981	81.517	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	151102	125.005	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	445546	80.862	ng		0.00
79) Terphenyl-d14	20.077	244	935413	79.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	16159	24.797	ng	#	88
3) Pyridine	3.957	79	25904	15.072	ng	#	88
4) n-Nitrosodimethylamine	3.863	42	23128	27.174	ng		90
6) Aniline	7.423	93	54673	22.419	ng		93
8) 2-Chlorophenol	7.670	128	60949	41.373	ng		96
9) Benzaldehyde	7.241	77	63225m	50.265	ng		
10) Phenol	7.294	94	43651	20.840	ng		91
11) bis(2-Chloroethyl)ether	7.517	93	68218	45.180	ng		96
12) 1,3-Dichlorobenzene	7.999	146	74765	43.675	ng		97
13) 1,4-Dichlorobenzene	8.140	146	76555	43.866	ng		97
14) 1,2-Dichlorobenzene	8.463	146	72903	43.319	ng		98
15) Benzyl Alcohol	8.340	79	66103m	35.342	ng		
16) 2,2'-oxybis(1-Chloropr...	8.627	45	105998	42.049	ng		99
17) 2-Methylphenol	8.545	107	53013	37.401	ng		95
18) Hexachloroethane	9.191	117	27463	41.964	ng		93
19) n-Nitroso-di-n-propyla...	8.903	70	67995	44.136	ng	#	97
20) 3+4-Methylphenols	8.874	107	67209	33.589	ng		99
22) Acetophenone	8.927	105	115086	44.070	ng	#	96
24) Nitrobenzene	9.309	77	100667	44.643	ng	#	89
25) Isophorone	9.832	82	189464	48.082	ng		97
26) 2-Nitrophenol	10.025	139	40939	43.417	ng		95
27) 2,4-Dimethylphenol	10.084	122	65952	48.838	ng		94
28) bis(2-Chloroethoxy)met...	10.307	93	97029	43.830	ng		98
29) 2,4-Dichlorophenol	10.566	162	78367	46.161	ng		95
30) 1,2,4-Trichlorobenzene	10.777	180	81680	42.510	ng		98
31) Naphthalene	10.965	128	220728	43.952	ng		99
32) Benzoic acid	10.225	122	16540m	21.026	ng		
33) 4-Chloroaniline	11.071	127	46469	21.607	ng		96
34) Hexachlorobutadiene	11.253	225	57857	40.536	ng		97
35) Caprolactam	11.841	113	9524	15.916	ng	#	89
36) 4-Chloro-3-methylphenol	12.193	107	89119	45.090	ng		92
37) 2-Methylnaphthalene	12.563	142	167058	44.955	ng		95
38) 1-Methylnaphthalene	12.786	142	163004	44.938	ng		92
40) 1,2,4,5-Tetrachloroben...	12.933	216	106920	41.434	ng		98
41) Hexachlorocyclopentadiene	12.916	237	98365	73.843	ng		94
43) 2,4,6-Trichlorophenol	13.168	196	74608	41.935	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	79726	42.052	ng		94
46) 1,1'-Biphenyl	13.568	154	235105	42.970	ng		97
47) 2-Chloronaphthalene	13.609	162	179024	41.012	ng		93
48) 2-Nitroaniline	13.809	65	74782	45.142	ng		94
49) Acenaphthylene	14.455	152	316318	46.291	ng		98
50) Dimethylphthalate	14.179	163	268243	44.141	ng		98
51) 2,6-Dinitrotoluene	14.296	165	58869	46.435	ng	#	83
52) Acenaphthene	14.796	154	223953m	48.329	ng		
53) 3-Nitroaniline	14.631	138	29671	22.134	ng		92
54) 2,4-Dinitrophenol	14.842	184	68302	84.673	ng		90
55) Dibenzofuran	15.124	168	309717	42.684	ng		96
56) 4-Nitrophenol	14.948	139	42355	41.428	ng		83
57) 2,4-Dinitrotoluene	15.089	165	84357	46.738	ng		93
58) Fluorene	15.777	166	255480	43.594	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.359	232	78985m	42.900	ng		
60) Diethylphthalate	15.536	149	293189	46.048	ng		98
61) 4-Chlorophenyl-phenyle...	15.759	204	141901	42.714	ng		96
62) 4-Nitroaniline	15.788	138	59205	41.854	ng	#	80
63) Azobenzene	16.058	77	278061	43.316	ng		98
65) 4,6-Dinitro-2-methylph...	15.859	198	51602	38.545	ng		98
66) n-Nitrosodiphenylamine	15.976	169	232156	42.072	ng		97
67) 4-Bromophenyl-phenylether	16.658	248	101805	41.405	ng		97
68) Hexachlorobenzene	16.787	284	111821	41.995	ng	#	92
69) Atrazine	16.922	200	103183	47.870	ng		97
70) Pentachlorophenol	17.134	266	126373	86.840	ng		92
71) Phenanthrene	17.515	178	456071	43.513	ng		98
72) Anthracene	17.609	178	450927	43.426	ng		98
73) Carbazole	17.874	167	424222	42.029	ng		99
74) Di-n-butylphthalate	18.420	149	497192	43.432	ng		99
75) Fluoranthene	19.524	202	596404	44.391	ng		99
77) Benzidine	19.695	184	90308	15.999	ng		98
78) Pyrene	19.889	202	600018	42.583	ng		98
80) Butylbenzylphthalate	20.758	149	222650	42.384	ng		99
81) Benzo(a)anthracene	21.739	228	583990	43.172	ng		99
82) 3,3'-Dichlorobenzidine	21.645	252	129567	26.045	ng		95
83) Chrysene	21.810	228	531336	42.324	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	310894	43.784	ng		98
85) Di-n-octyl phthalate	22.861	149	528993	44.545	ng		97
87) Indeno(1,2,3-cd)pyrene	28.829	276	645391	42.313	ng		99
88) Benzo(b)fluoranthene	24.007	252	615968	47.553	ng		99
89) Benzo(k)fluoranthene	24.077	252	563009	44.225	ng		98
90) Benzo(a)pyrene	24.899	252	573902	52.007	ng		98
91) Dibenzo(a,h)anthracene	28.888	278	560525	44.650	ng		97
92) Benzo(g,h,i)perylene	30.016	276	562181	45.434	ng		97

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

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