Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056557.D
Acq On : 6 Feb 2023 16:24
Operator : CG/JU
Sample : 01442-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 07 04:34:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	36869	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	135736	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	104555	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	264553	20.000	ng		0.00
76) Chrysene-d12	21.931	240	250528	20.000	ng		0.00
86) Perylene-d12	25.350	264	272784	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	269646	134.540	ng		0.00
7) Phenol-d6	7.424	99	368633	124.137	ng		0.00
23) Nitrobenzene-d5	9.451	82	187571	78.470	ng		0.00
42) 2,4,6-Tribromophenol	16.384	330	169726	122.105	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	565667	75.009	ng		0.00
79) Terphenyl-d14	20.209	244	1055247	73.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	36436	43.660	ng		93
3) Pyridine	4.017	79	99433	39.970	ng		97
4) n-Nitrosodimethylamine	3.929	42	23579	44.570	ng	#	93
6) Aniline	7.589	93	103842	26.708	ng		95
8) 2-Chlorophenol	7.836	128	109830	49.884	ng		98
9) Benzaldehyde	7.401	77	62502	49.924	ng		96
10) Phenol	7.454	94	148621	49.242	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	92754	44.710	ng		98
12) 1,3-Dichlorobenzene	8.165	146	123991	48.912	ng		98
13) 1,4-Dichlorobenzene	8.312	146	125870	49.029	ng		98
14) 1,2-Dichlorobenzene	8.635	146	122111	49.025	ng		99
15) Benzyl Alcohol	8.511	79	92011m	45.160	ng		
16) 2,2'-oxybis(1-Chloropr...	8.793	45	20712	47.119	ng		99
17) 2-Methylphenol	8.717	107	102794	44.768	ng		95
18) Hexachloroethane	9.369	117	38389	49.440	ng		92
19) n-Nitroso-di-n-propyla...	9.075	70	69770	40.770	ng		95
20) 3+4-Methylphenols	9.046	107	139486	43.348	ng		99
22) Acetophenone	9.105	105	165121	45.784	ng	#	99
24) Nitrobenzene	9.498	77	107524	46.635	ng		95
25) Isophorone	10.015	82	209639	42.511	ng		99
26) 2-Nitrophenol	10.209	139	64518	46.120	ng		99
27) 2,4-Dimethylphenol	10.262	122	116104	49.592	ng		96
28) bis(2-Chloroethoxy)met...	10.486	93	121739	44.687	ng		97
29) 2,4-Dichlorophenol	10.750	162	129437	49.116	ng		99
30) 1,2,4-Trichlorobenzene	10.967	180	139358	47.587	ng		96
31) Naphthalene	11.161	128	328364	45.834	ng		99
32) Benzoic acid	10.427	122	67342m	51.412	ng		
33) 4-Chloroaniline	11.267	127	54217	16.212	ng		97
34) Hexachlorobutadiene	11.431	225	97003	47.189	ng		99
35) Caprolactam	12.048	113	37780m	42.508	ng		
36) 4-Chloro-3-methylphenol	12.372	107	120083	47.184	ng		95
37) 2-Methylnaphthalene	12.742	142	251349	42.556	ng		99
38) 1-Methylnaphthalene	12.959	142	233137	42.265	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.106	216	185103	48.459	ng		100
41) Hexachlorocyclopentadiene	13.077	237	158256	78.303	ng		95
43) 2,4,6-Trichlorophenol	13.341	196	120576	48.984	ng		99

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44) 2,4,5-Trichlorophenol	13.423	196	131281	45.552	ng		97
46) 1,1'-Biphenyl	13.735	154	358055	47.214	ng		99
47) 2-Chloronaphthalene	13.782	162	285743	48.205	ng		99
48) 2-Nitroaniline	13.981	65	56617	46.204	ng		96
49) Acenaphthylene	14.622	152	446797	46.329	ng		99
50) Dimethylphthalate	14.334	163	377044	44.574	ng		99
51) 2,6-Dinitrotoluene	14.469	165	81800	44.344	ng		97
52) Acenaphthene	14.963	154	263685	46.107	ng		99
53) 3-Nitroaniline	14.798	138	38276	21.403	ng		99
54) 2,4-Dinitrophenol	15.016	184	116301	100.567	ng		97
55) Dibenzofuran	15.292	168	467881	45.618	ng		99
56) 4-Nitrophenol	15.110	139	119650	97.915	ng		98
57) 2,4-Dinitrotoluene	15.256	165	118744	45.700	ng		99
58) Fluorene	15.938	166	372337	45.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.521	232	121963	47.596	ng		99
60) Diethylphthalate	15.685	149	348915	43.928	ng		98
61) 4-Chlorophenyl-phenyle...	15.920	204	224859	45.153	ng		98
62) 4-Nitroaniline	15.961	138	77997	43.587	ng		98
63) Azobenzene	16.214	77	310415	56.796	ng		97
65) 4,6-Dinitro-2-methylph...	16.020	198	83731	45.018	ng		99
66) n-Nitrosodiphenylamine	16.132	169	344070	45.936	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	154851	45.723	ng		99
68) Hexachlorobenzene	16.943	284	159156	47.981	ng		99
69) Atrazine	17.072	200	148948	51.545	ng		97
70) Pentachlorophenol	17.289	266	172735	86.062	ng		98
71) Phenanthrene	17.677	178	639760	46.205	ng		99
72) Anthracene	17.771	178	661670	46.552	ng		99
73) Carbazole	18.035	167	578906	47.821	ng		99
74) Di-n-butylphthalate	18.558	149	591708	46.552	ng		99
75) Fluoranthene	19.669	202	799089	45.726	ng		99
77) Benzidine	19.839	184	362149	53.418	ng		98
78) Pyrene	20.033	202	814475	45.711	ng		100
80) Butylbenzylphthalate	20.885	149	244727	44.972	ng		98
81) Benzo(a)anthracene	21.907	228	803038	45.849	ng		99
82) 3,3'-Dichlorobenzidine	21.808	252	167427	26.545	ng		98
83) Chrysene	21.978	228	747076	45.402	ng		100
84) Bis(2-ethylhexyl)phtha...	21.761	149	350642	44.943	ng		100
85) Di-n-octyl phthalate	23.030	149	593972	45.715	ng		99
87) Indeno(1,2,3-cd)pyrene	29.305	276	945947	47.373	ng	#	90
88) Benzo(b)fluoranthene	24.258	252	825302	48.744	ng		100
89) Benzo(k)fluoranthene	24.334	252	803068	46.978	ng		99
90) Benzo(a)pyrene	25.192	252	726299	43.547	ng		97
91) Dibenzo(a,h)anthracene	29.363	278	790688	47.174	ng		99
92) Benzo(g,h,i)perylene	30.550	276	760174	47.003	ng		98

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

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