Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060765.D
Acq On : 3 Apr 2024 16:49
Operator : MA/JU
Sample : P1956-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR200010MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 04 00:42:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	72787	20.000	ng		0.00
21) Naphthalene-d8	10.755	136	291796	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	212425	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	507315	20.000	ng		0.00
76) Chrysene-d12	21.602	240	461719	20.000	ng		0.00
86) Perylene-d12	24.745	264	553585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.544	112	503000	115.122	ng		0.00
7) Phenol-d6	7.119	99	542033	83.574	ng		0.00
23) Nitrobenzene-d5	9.110	82	364080	71.197	ng		0.00
42) 2,4,6-Tribromophenol	16.073	330	289076	119.881	ng		0.00
45) 2-Fluorobiphenyl	13.211	172	872213	60.261	ng		0.00
79) Terphenyl-d14	19.956	244	1626260	62.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	79434	44.343	ng		97
3) Pyridine	3.846	79	205368	38.007	ng		94
4) n-Nitrosodimethylamine	3.764	42	159289	49.317	ng		97
6) Aniline	7.283	93	113314	13.835	ng		99
8) 2-Chlorophenol	7.524	128	209426	42.279	ng		96
9) Benzaldehyde	7.095	77	25307m	7.076	ng		
10) Phenol	7.148	94	273653	41.344	ng		98
11) bis(2-Chloroethyl)ether	7.377	93	196386	36.749	ng		98
12) 1,3-Dichlorobenzene	7.847	146	226645	43.999	ng		98
13) 1,4-Dichlorobenzene	7.994	146	235861	44.880	ng		99
14) 1,2-Dichlorobenzene	8.311	146	226791	44.035	ng		97
15) Benzyl Alcohol	8.194	79	202409	38.528	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	494111	40.970	ng		99
17) 2-Methylphenol	8.393	107	187878	37.600	ng		98
18) Hexachloroethane	9.040	117	83585	44.782	ng		95
19) n-Nitroso-di-n-propyla...	8.764	70	173052	34.989	ng		98
20) 3+4-Methylphenols	8.723	107	256190	37.441	ng		94
22) Acetophenone	8.775	105	340670	42.341	ng	#	97
24) Nitrobenzene	9.151	77	250066	44.167	ng		96
25) Isophorone	9.680	82	463929	39.389	ng		100
26) 2-Nitrophenol	9.862	139	107582	52.861	ng		91
27) 2,4-Dimethylphenol	9.927	122	154147	32.580	ng		97
28) bis(2-Chloroethoxy)met...	10.162	93	265409	38.168	ng		99
29) 2,4-Dichlorophenol	10.403	162	204923	47.166	ng		98
30) 1,2,4-Trichlorobenzene	10.620	180	230360	46.824	ng		98
31) Naphthalene	10.808	128	660471	41.843	ng		99
32) Benzoic acid	10.062	122	158880	50.120	ng		98
33) 4-Chloroaniline	10.908	127	78102	10.653	ng		98
34) Hexachlorobutadiene	11.096	225	156505	47.733	ng		96
35) Caprolactam	11.678	113	67061m	38.971	ng		
36) 4-Chloro-3-methylphenol	12.030	107	242991	43.780	ng		99
37) 2-Methylnaphthalene	12.412	142	461562	39.774	ng		99
38) 1-Methylnaphthalene	12.630	142	431208	39.334	ng		97
40) 1,2,4,5-Tetrachloroben...	12.782	216	289537	47.411	ng		99
41) Hexachlorocyclopentadiene	12.765	237	200896	64.695	ng		99
43) 2,4,6-Trichlorophenol	13.017	196	198472	50.472	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	216708	46.178	ng		100
46) 1,1'-Biphenyl	13.423	154	635630	42.363	ng		99
47) 2-Chloronaphthalene	13.464	162	507565	44.524	ng		98
48) 2-Nitroaniline	13.658	65	187586	50.327	ng		94
49) Acenaphthylene	14.310	152	860579	44.928	ng		99
50) Dimethylphthalate	14.052	163	655866	39.062	ng		100
51) 2,6-Dinitrotoluene	14.157	165	139520	46.526	ng		95
52) Acenaphthene	14.651	154	551528m	45.860	ng		
53) 3-Nitroaniline	14.480	138	89202	28.293	ng	#	98
54) 2,4-Dinitrophenol	14.692	184	125522	107.403	ng		90
55) Dibenzofuran	14.986	168	803199	42.341	ng		99
56) 4-Nitrophenol	14.792	139	263695	107.431	ng		98
57) 2,4-Dinitrotoluene	14.945	165	202578	51.393	ng		95
58) Fluorene	15.638	166	647619	42.537	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	207144	50.650	ng		99
60) Diethylphthalate	15.421	149	677414	40.102	ng		99
61) 4-Chlorophenyl-phenyle...	15.632	204	340437	42.266	ng		96
62) 4-Nitroaniline	15.650	138	137386	44.754	ng		97
63) Azobenzene	15.926	77	688187	41.808	ng		98
65) 4,6-Dinitro-2-methylph...	15.708	198	90979	44.121	ng		99
66) n-Nitrosodiphenylamine	15.849	169	609206	42.022	ng		98
67) 4-Bromophenyl-phenylether	16.531	248	237060	46.044	ng		98
68) Hexachlorobenzene	16.643	284	275775	47.448	ng		98
69) Atrazine	16.801	200	232746	45.910	ng		99
70) Pentachlorophenol	16.983	266	379835	100.157	ng		97
71) Phenanthrene	17.377	178	1129291	42.802	ng		100
72) Anthracene	17.471	178	1148491	42.862	ng		100
73) Carbazole	17.735	167	1007985	42.666	ng		99
74) Di-n-butylphthalate	18.317	149	1221208	41.462	ng		99
75) Fluoranthene	19.392	202	1420400	44.365	ng		98
77) Benzidine	19.569	184	560947	46.138	ng		99
78) Pyrene	19.751	202	1486626	46.038	ng		99
80) Butylbenzylphthalate	20.656	149	554117	47.041	ng		100
81) Benzo(a)anthracene	21.584	228	1480886	45.501	ng		99
82) 3,3'-Dichlorobenzidine	21.502	252	368387	33.522	ng		97
83) Chrysene	21.649	228	1413150	45.048	ng		99
84) Bis(2-ethylhexyl)phtha...	21.525	149	822936	43.831	ng		99
85) Di-n-octyl phthalate	22.730	149	1433930	46.881	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.317	276	1652951	42.401	ng	#	94
88) Benzo(b)fluoranthene	23.758	252	1472892	46.313	ng		99
89) Benzo(k)fluoranthene	23.822	252	1445684	44.412	ng		99
90) Benzo(a)pyrene	24.604	252	1371098	44.363	ng		99
91) Dibenzo(a,h)anthracene	28.394	278	1344943	40.927	ng		98
92) Benzo(g,h,i)perylene	29.428	276	1130565	35.366	ng		99

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

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