Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060375.D
Acq On : 19 Jan 2024 19:02
Operator : MA/JU
Sample : P1159-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-011724MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

Quant Time: Jan 20 06:34:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	209215	20.000	ng		0.00
21) Naphthalene-d8	10.735	136	925803	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	690737	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1708444	20.000	ng		0.00
76) Chrysene-d12	21.587	240	1412264	20.000	ng		0.00
86) Perylene-d12	24.759	264	1610183	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	2073391	163.004	ng		0.00
7) Phenol-d6	7.104	99	2090301	110.978	ng		0.00
23) Nitrobenzene-d5	9.095	82	1714158	87.430	ng		0.00
42) 2,4,6-Tribromophenol	16.064	330	1326836	130.559	ng		0.00
45) 2-Fluorobiphenyl	13.191	172	3995009	80.412	ng		0.00
79) Terphenyl-d14	19.936	244	5036621	93.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88	255639	43.997	ng	#	66
3) Pyridine	3.813	79	561246	34.236	ng		94
4) n-Nitrosodimethylamine	3.719	42	272385	53.090	ng	#	99
6) Aniline	7.256	93	201328	10.694	ng		97
8) 2-Chlorophenol	7.497	128	700981	55.607	ng		94
9) Benzaldehyde	7.074	77	47227m	4.368	ng		
10) Phenol	7.127	94	779811	41.293	ng		97
11) bis(2-Chloroethyl)ether	7.350	93	678726	44.106	ng		97
12) 1,3-Dichlorobenzene	7.820	146	679158	42.922	ng		99
13) 1,4-Dichlorobenzene	7.967	146	703184	43.801	ng		98
14) 1,2-Dichlorobenzene	8.284	146	740424	44.852	ng		99
15) Benzyl Alcohol	8.173	79	625072m	51.267	ng		
16) 2,2'-oxybis(1-Chloropr...	8.455	45	890909m	47.700	ng		
17) 2-Methylphenol	8.379	107	630145	48.581	ng		99
18) Hexachloroethane	9.013	117	269417	47.864	ng		94
19) n-Nitroso-di-n-propyla...	8.737	70	591595	45.382	ng		97
20) 3+4-Methylphenols	8.702	107	870803	49.793	ng		96
22) Acetophenone	8.755	105	1202373	47.247	ng	#	99
24) Nitrobenzene	9.136	77	883502	43.470	ng		96
25) Isophorone	9.653	82	1696749	43.093	ng		98
26) 2-Nitrophenol	9.847	139	384846	51.499	ng		96
27) 2,4-Dimethylphenol	9.906	122	575593	58.291	ng		99
28) bis(2-Chloroethoxy)met...	10.141	93	1052578	43.753	ng		99
29) 2,4-Dichlorophenol	10.382	162	805357	50.330	ng		98
30) 1,2,4-Trichlorobenzene	10.599	180	877347	44.071	ng		95
31) Naphthalene	10.787	128	2178737	44.895	ng		98
32) Benzoic acid	10.047	122	369233m	43.544	ng		
33) 4-Chloroaniline	10.899	127	62403m	3.337	ng		
34) Hexachlorobutadiene	11.069	225	552578	42.610	ng		96
35) Caprolactam	11.675	113	226268m	43.903	ng		
36) 4-Chloro-3-methylphenol	12.021	107	790065	48.602	ng		99
37) 2-Methylnaphthalene	12.397	142	1614864	44.867	ng		97
38) 1-Methylnaphthalene	12.615	142	1581078	43.746	ng		100
40) 1,2,4,5-Tetrachloroben...	12.762	216	1137151	46.354	ng		99
41) Hexachlorocyclopentadiene	12.738	237	618166	75.898	ng		98
43) 2,4,6-Trichlorophenol	13.003	196	741263	47.481	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	833856	48.425	ng	98
46) 1,1'-Biphenyl	13.402	154	2375902	45.568	ng	99
47) 2-Chloronaphthalene	13.449	162	1967714	44.053	ng	99
48) 2-Nitroaniline	13.655	65	553323	49.742	ng	98
49) Acenaphthylene	14.295	152	3028036	49.228	ng	99
50) Dimethylphthalate	14.025	163	2281091	43.215	ng	99
51) 2,6-Dinitrotoluene	14.148	165	523498	46.478	ng	94
52) Acenaphthene	14.636	154	1750700	45.709	ng	99
53) 3-Nitroaniline	14.477	138	136928	13.342	ng	94
54) 2,4-Dinitrophenol	14.683	184	392762	59.927	ng	96
55) Dibenzofuran	14.971	168	2937029	45.936	ng	98
56) 4-Nitrophenol	14.795	139	784970	103.116	ng	96
57) 2,4-Dinitrotoluene	14.936	165	744881	48.227	ng	95
58) Fluorene	15.617	166	2398987	45.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	749570	51.262	ng	99
60) Diethylphthalate	15.388	149	2237410	44.152	ng	99
61) 4-Chlorophenyl-phenyle...	15.611	204	1280267	43.893	ng	97
62) 4-Nitroaniline	15.646	138	474291	43.421	ng	94
63) Azobenzene	15.905	77	2281466	44.512	ng	99
65) 4,6-Dinitro-2-methylph...	15.699	198	305499	32.323	ng	99
66) n-Nitrosodiphenylamine	15.829	169	2140606	47.188	ng	97
67) 4-Bromophenyl-phenylether	16.504	248	849567	45.256	ng	97
68) Hexachlorobenzene	16.622	284	974666	43.862	ng	95
69) Atrazine	16.775	200	730373	42.699	ng	98
70) Pentachlorophenol	16.968	266	1199809	100.171	ng	94
71) Phenanthrene	17.362	178	3730284	45.173	ng	99
72) Anthracene	17.456	178	3775600	45.795	ng	99
73) Carbazole	17.726	167	3436796	44.217	ng	99
74) Di-n-butylphthalate	18.279	149	3683511	46.059	ng	99
75) Fluoranthene	19.377	202	4131691	41.657	ng	98
77) Benzidine	19.565	184	846442m	27.588	ng	
78) Pyrene	19.742	202	4239093	47.004	ng	97
80) Butylbenzylphthalate	20.623	149	1694852	54.623	ng	99
81) Benzo(a)anthracene	21.569	228	4062880	46.470	ng	99
82) 3,3'-Dichlorobenzidine	21.487	252	768118	22.941	ng	98
83) Chrysene	21.634	228	3828539	44.524	ng	98
84) Bis(2-ethylhexyl)phtha...	21.469	149	2457469	52.413	ng	99
85) Di-n-octyl phthalate	22.662	149	4163825	54.802	ng	99
87) Indeno(1,2,3-cd)pyrene	28.373	276	4488964m	40.095	ng	
88) Benzo(b)fluoranthene	23.755	252	4149337	43.621	ng	97
89) Benzo(k)fluoranthene	23.819	252	4403375	46.911	ng	99
90) Benzo(a)pyrene	24.607	252	3891876	45.292	ng	99
91) Dibenzo(a,h)anthracene	28.437	278	3855390	42.167	ng	98
92) Benzo(g,h,i)perylene	29.513	276	2890724	30.848	ng	99

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

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