Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060370.D
Acq On : 19 Jan 2024 15:39
Operator : MA/JU
Sample : P1183-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-305-25-27MSD

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

Quant Time: Jan 20 06:32:27 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	7.930	152	257982	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	920017	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	698812	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1760392	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1551424	20.000	ng		0.00
86) Perylene-d12	24.745	264	1767466	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1834461	116.958	ng		0.00
7) Phenol-d6	7.095	99	2658669	114.472	ng		0.00
23) Nitrobenzene-d5	9.093	82	1562405	80.191	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	1202225	116.930	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	3209728	63.859	ng		0.00
79) Terphenyl-d14	19.933	244	4660479	71.323	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	246616	34.421	ng		98
3) Pyridine	3.793	79	673645	33.324	ng		94
4) n-Nitrosodimethylamine	3.711	42	259319	40.989	ng	#	97
6) Aniline	7.254	93	727163	31.323	ng		97
8) 2-Chlorophenol	7.495	128	746783	48.042	ng		94
9) Benzaldehyde	7.066	77	627486m	47.068	ng		
10) Phenol	7.125	94	1125541	48.334	ng		99
11) bis(2-Chloroethyl)ether	7.348	93	812898	42.840	ng		97
12) 1,3-Dichlorobenzene	7.818	146	818039	41.927	ng		97
13) 1,4-Dichlorobenzene	7.965	146	840247	42.445	ng		99
14) 1,2-Dichlorobenzene	8.282	146	814923	40.034	ng		98
15) Benzyl Alcohol	8.165	79	728950	48.486	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.447	45	977145m	42.428	ng		
17) 2-Methylphenol	8.370	107	716220	44.780	ng		98
18) Hexachloroethane	9.011	117	288550	41.572	ng		99
19) n-Nitroso-di-n-propyla...	8.729	70	673072	41.872	ng		98
20) 3+4-Methylphenols	8.699	107	996169	46.194	ng		96
22) Acetophenone	8.752	105	1264315	49.993	ng	#	99
24) Nitrobenzene	9.134	77	933690	46.228	ng		97
25) Isophorone	9.651	82	1818722	46.482	ng		98
26) 2-Nitrophenol	9.845	139	415287	55.922	ng		96
27) 2,4-Dimethylphenol	9.904	122	602931	61.444	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	1141914	47.765	ng		99
29) 2,4-Dichlorophenol	10.380	162	879635	55.318	ng		98
30) 1,2,4-Trichlorobenzene	10.597	180	827411	41.824	ng		92
31) Naphthalene	10.785	128	2071452	42.953	ng		99
32) Benzoic acid	10.045	122	519857	57.442	ng		94
33) 4-Chloroaniline	10.891	127	315964	17.004	ng		98
34) Hexachlorobutadiene	11.067	225	520530	40.391	ng		95
35) Caprolactam	11.667	113	261066m	50.973	ng		
36) 4-Chloro-3-methylphenol	12.019	107	794827	49.202	ng		97
37) 2-Methylnaphthalene	12.389	142	1574793	44.028	ng		98
38) 1-Methylnaphthalene	12.613	142	1477970	41.150	ng		99
40) 1,2,4,5-Tetrachloroben...	12.759	216	1033038	41.624	ng		99
41) Hexachlorocyclopentadiene	12.736	237	974346	118.247	ng		100
43) 2,4,6-Trichlorophenol	13.000	196	740402	46.878	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	819619	47.048	ng	97
46) 1,1'-Biphenyl	13.400	154	2224066	42.163	ng	98
47) 2-Chloronaphthalene	13.441	162	1858350	41.124	ng	97
48) 2-Nitroaniline	13.647	65	549377	48.817	ng	96
49) Acenaphthylene	14.293	152	2897784	46.567	ng	99
50) Dimethylphthalate	14.023	163	2266685	42.446	ng	100
51) 2,6-Dinitrotoluene	14.140	165	524588	46.037	ng	94
52) Acenaphthene	14.634	154	1679887	43.353	ng	100
53) 3-Nitroaniline	14.475	138	288556	27.791	ng	94
54) 2,4-Dinitrophenol	14.681	184	616022	88.180	ng	96
55) Dibenzofuran	14.969	168	2860048	44.215	ng	97
56) 4-Nitrophenol	14.792	139	859155	111.557	ng	95
57) 2,4-Dinitrotoluene	14.933	165	746819	47.794	ng	94
58) Fluorene	15.615	166	2359163	44.042	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.192	232	755202	51.051	ng	98
60) Diethylphthalate	15.386	149	2250591	43.899	ng	99
61) 4-Chlorophenyl-phenyle...	15.609	204	1270771	43.064	ng	99
62) 4-Nitroaniline	15.644	138	521703	47.210	ng	97
63) Azobenzene	15.903	77	2294408	44.247	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	458262	47.055	ng	96
66) n-Nitrosodiphenylamine	15.826	169	2136939	45.717	ng	98
67) 4-Bromophenyl-phenylether	16.502	248	835365	43.187	ng	97
68) Hexachlorobenzene	16.620	284	962375	42.031	ng	99
69) Atrazine	16.772	200	833690	47.301	ng	99
70) Pentachlorophenol	16.966	266	1215898	98.519	ng	94
71) Phenanthrene	17.360	178	3755773	44.139	ng	99
72) Anthracene	17.448	178	3804144	44.779	ng	99
73) Carbazole	17.718	167	3468734	43.311	ng	99
74) Di-n-butylphthalate	18.276	149	3727922	45.238	ng	99
75) Fluoranthene	19.369	202	4237992	41.467	ng	99
77) Benzidine	19.551	184	2185525	64.843	ng	99
78) Pyrene	19.734	202	4364432	44.053	ng	97
80) Butylbenzylphthalate	20.621	149	1791170	52.549	ng	97
81) Benzo(a)anthracene	21.561	228	4332576	45.110	ng	100
82) 3,3'-Dichlorobenzidine	21.479	252	1023116	27.816	ng	97
83) Chrysene	21.625	228	4131165	43.734	ng	100
84) Bis(2-ethylhexyl)phtha...	21.467	149	2592442	50.332	ng	98
85) Di-n-octyl phthalate	22.654	149	4244258	50.850	ng	100
87) Indeno(1,2,3-cd)pyrene	28.359	276	5602106	45.585	ng	97
88) Benzo(b)fluoranthene	23.747	252	4598486	44.041	ng	97
89) Benzo(k)fluoranthene	23.811	252	4553801	44.196	ng	99
90) Benzo(a)pyrene	24.604	252	4285230	45.431	ng	100
91) Dibenzo(a,h)anthracene	28.429	278	4573850	45.573	ng	99
92) Benzo(g,h,i)perylene	29.499	276	4259353	41.408	ng	98

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

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