Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060356.D
Acq On : 18 Jan 2024 17:31
Operator : MA/JU
Sample : P1159-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-011724MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 18 18:03:34 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	7.924	152	279271	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	998149	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	720203	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1761581	20.000	ng		0.00
76) Chrysene-d12	21.579	240	1580855	20.000	ng		0.00
86) Perylene-d12	24.740	264	1838887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1891725	111.414	ng		0.00
7) Phenol-d6	7.096	99	2750186	109.385	ng		0.00
23) Nitrobenzene-d5	9.087	82	1461209	69.126	ng		0.00
42) 2,4,6-Tribromophenol	16.056	330	1125760	106.241	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	3527202	68.091	ng		0.00
79) Terphenyl-d14	19.933	244	4861912	73.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	274126	35.344	ng		98
3) Pyridine	3.794	79	767480	35.072	ng		97
4) n-Nitrosodimethylamine	3.711	42	274063	40.017	ng		95
6) Aniline	7.254	93	843260	33.555	ng		99
8) 2-Chlorophenol	7.495	128	826710	49.129	ng		94
9) Benzaldehyde	7.066	77	779181	53.991	ng		96
10) Phenol	7.119	94	1286754	51.045	ng		98
11) bis(2-Chloroethyl)ether	7.348	93	898336	43.733	ng		96
12) 1,3-Dichlorobenzene	7.818	146	889198	42.100	ng		99
13) 1,4-Dichlorobenzene	7.959	146	915858	42.737	ng		99
14) 1,2-Dichlorobenzene	8.277	146	893954	40.568	ng		98
15) Benzyl Alcohol	8.165	79	798721m	49.076	ng		
16) 2,2'-oxybis(1-Chloropr...	8.441	45	919005m	36.861	ng		
17) 2-Methylphenol	8.371	107	784855	45.330	ng		99
18) Hexachloroethane	9.005	117	272970	36.330	ng		97
19) n-Nitroso-di-n-propyla...	8.729	70	644684	37.049	ng		98
20) 3+4-Methylphenols	8.694	107	985279	42.206	ng		96
22) Acetophenone	8.747	105	1229111	44.797	ng	#	100
24) Nitrobenzene	9.134	77	927500	42.327	ng		99
25) Isophorone	9.651	82	1762008	41.507	ng		99
26) 2-Nitrophenol	9.845	139	395434	49.080	ng		95
27) 2,4-Dimethylphenol	9.898	122	591288	55.540	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	1114641	42.974	ng		99
29) 2,4-Dichlorophenol	10.374	162	843779	48.909	ng		97
30) 1,2,4-Trichlorobenzene	10.592	180	909171	42.360	ng		93
31) Naphthalene	10.780	128	2219107	42.413	ng		99
32) Benzoic acid	10.033	122	368839	41.095	ng		92
33) 4-Chloroaniline	10.891	127	384349	19.065	ng		98
34) Hexachlorobutadiene	11.062	225	586433	41.943	ng		98
35) Caprolactam	11.667	113	256004	46.072	ng		91
36) 4-Chloro-3-methylphenol	12.013	107	847458	48.354	ng		97
37) 2-Methylnaphthalene	12.389	142	1646633	42.433	ng		98
38) 1-Methylnaphthalene	12.607	142	1587070	40.729	ng		98
40) 1,2,4,5-Tetrachloroben...	12.754	216	1139003	44.530	ng		99
41) Hexachlorocyclopentadiene	12.736	237	1066588	125.597	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	768192	47.192	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.071	196	842394	46.919	ng		98
46)	1,1'-Biphenyl	13.400	154	2383447	43.843	ng		100
47)	2-Chloronaphthalene	13.441	162	2002836	43.004	ng		99
48)	2-Nitroaniline	13.647	65	584016	50.353	ng		97
49)	Acenaphthylene	14.287	152	3065075	47.792	ng		98
50)	Dimethylphthalate	14.017	163	2379547	43.236	ng		100
51)	2,6-Dinitrotoluene	14.140	165	544511	46.366	ng		94
52)	Acenaphthene	14.628	154	1750642	43.838	ng		98
53)	3-Nitroaniline	14.469	138	346373	32.369	ng		95
54)	2,4-Dinitrophenol	14.675	184	394759	58.077	ng		97
55)	Dibenzofuran	14.963	168	3012057	45.182	ng		97
56)	4-Nitrophenol	14.781	139	738131	92.996	ng		98
57)	2,4-Dinitrotoluene	14.928	165	749465	46.539	ng		94
58)	Fluorene	15.615	166	2460779	44.574	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.186	232	743041	48.737	ng		99
60)	Diethylphthalate	15.380	149	2333146	44.158	ng		99
61)	4-Chlorophenyl-phenyle...	15.603	204	1342649	44.149	ng		98
62)	4-Nitroaniline	15.639	138	540619	47.468	ng		99
63)	Azobenzene	15.897	77	2381812	44.569	ng		99
65)	4,6-Dinitro-2-methylph...	15.691	198	362388	37.186	ng		93
66)	n-Nitrosodiphenylamine	15.821	169	2170290	46.399	ng		98
67)	4-Bromophenyl-phenylether	16.502	248	878049	45.363	ng		99
68)	Hexachlorobenzene	16.614	284	994753	43.416	ng		97
69)	Atrazine	16.767	200	842793	47.785	ng		98
70)	Pentachlorophenol	16.961	266	1052080	85.188	ng		95
71)	Phenanthrene	17.354	178	3802785	44.661	ng		98
72)	Anthracene	17.448	178	3878514	45.624	ng		99
73)	Carbazole	17.718	167	3573204	44.585	ng		100
74)	Di-n-butylphthalate	18.271	149	3684852	44.686	ng		100
75)	Fluoranthene	19.369	202	4262033	41.675	ng		99
77)	Benzidine	19.552	184	1759236	51.223	ng		99
78)	Pyrene	19.734	202	4385246	43.439	ng		98
80)	Butylbenzylphthalate	20.621	149	1771276	50.998	ng		98
81)	Benzo(a)anthracene	21.561	228	4409437	45.056	ng		99
82)	3,3'-Dichlorobenzidine	21.479	252	969969	25.880	ng		99
83)	Chrysene	21.626	228	4255216	44.209	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.461	149	2604674	49.628	ng		97
85)	Di-n-octyl phthalate	22.648	149	4301279	50.573	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.347	276	5847951	45.737	ng	#	91
88)	Benzo(b)fluoranthene	23.735	252	4830276	44.464	ng		99
89)	Benzo(k)fluoranthene	23.805	252	4774283	44.536	ng		100
90)	Benzo(a)pyrene	24.593	252	4548014	46.345	ng		99
91)	Dibenzo(a,h)anthracene	28.412	278	4789344	45.867	ng		99
92)	Benzo(g,h,i)perylene	29.481	276	4262662	39.831	ng		99

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

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