Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060408.D
Acq On : 23 Jan 2024 17:58
Operator : MA/JU
Sample : P1219-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
222177MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 24 03:16:38 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	7.926	152	117919	20.000	ng		0.00
21) Naphthalene-d8	10.729	136	584120	20.000	ng		0.00
39) Acenaphthene-d10	14.565	164	536276	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1397977	20.000	ng		0.00
76) Chrysene-d12	21.575	240	1263635	20.000	ng		0.00
86) Perylene-d12	24.736	264	1438130	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	915539	127.703	ng		0.00
7) Phenol-d6	7.092	99	1326246	124.929	ng		0.00
23) Nitrobenzene-d5	9.083	82	812113	65.651	ng		0.00
42) 2,4,6-Tribromophenol	16.058	330	946845	120.003	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	2296846	59.547	ng		0.00
79) Terphenyl-d14	19.930	244	3758538	70.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	110587	33.768	ng	#	96
3) Pyridine	3.790	79	314381	34.025	ng		93
4) n-Nitrosodimethylamine	3.707	42	114088	39.453	ng		99
6) Aniline	7.250	93	246233	23.205	ng		98
8) 2-Chlorophenol	7.491	128	346874	48.820	ng		91
9) Benzaldehyde	7.062	77	188615m	30.953	ng		
10) Phenol	7.121	94	516899	48.563	ng		99
11) bis(2-Chloroethyl)ether	7.344	93	343429	39.596	ng		95
12) 1,3-Dichlorobenzene	7.814	146	342454	38.399	ng		96
13) 1,4-Dichlorobenzene	7.961	146	345553	38.189	ng		98
14) 1,2-Dichlorobenzene	8.278	146	361102	38.810	ng		95
15) Benzyl Alcohol	8.161	79	339577	49.415	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.443	45	419169	39.818	ng		98
17) 2-Methylphenol	8.372	107	354259	48.457	ng		98
18) Hexachloroethane	9.007	117	121670	38.351	ng		97
19) n-Nitroso-di-n-propyla...	8.725	70	320393	43.606	ng		96
20) 3+4-Methylphenols	8.696	107	521373	52.894	ng		98
22) Acetophenone	8.748	105	608797	37.916	ng	#	98
24) Nitrobenzene	9.130	77	440512	34.352	ng		93
25) Isophorone	9.647	82	937631	37.743	ng		97
26) 2-Nitrophenol	9.841	139	213289	45.237	ng		96
27) 2,4-Dimethylphenol	9.900	122	322039	51.691	ng		99
28) bis(2-Chloroethoxy)met...	10.135	93	549926	36.230	ng		99
29) 2,4-Dichlorophenol	10.376	162	482551	47.797	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	445665	35.482	ng		97
31) Naphthalene	10.781	128	1161880	37.947	ng		98
32) Benzoic acid	10.000	122	128371	28.574	ng		92
33) 4-Chloroaniline	10.887	127	229014	19.412	ng		98
34) Hexachlorobutadiene	11.063	225	270172	33.020	ng		93
35) Caprolactam	11.663	113	191691	58.950	ng		91
36) 4-Chloro-3-methylphenol	12.015	107	556094	54.219	ng		98
37) 2-Methylnaphthalene	12.391	142	945592	41.640	ng		98
38) 1-Methylnaphthalene	12.609	142	911353	39.966	ng		98
40) 1,2,4,5-Tetrachloroben...	12.756	216	641475	33.680	ng		99
41) Hexachlorocyclopentadiene	12.732	237	552255	87.335	ng		99
43) 2,4,6-Trichlorophenol	12.996	196	522976	43.147	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	587439	43.941	ng		98
46) 1,1'-Biphenyl	13.396	154	1437981	35.523	ng		98
47) 2-Chloronaphthalene	13.443	162	1196174	34.493	ng		98
48) 2-Nitroaniline	13.649	65	381463	44.169	ng		95
49) Acenaphthylene	14.289	152	2035459	42.623	ng		99
50) Dimethylphthalate	14.019	163	1640593	40.033	ng		100
51) 2,6-Dinitrotoluene	14.136	165	367570	42.034	ng		96
52) Acenaphthene	14.630	154	1145537	38.523	ng		98
53) 3-Nitroaniline	14.471	138	186934	23.460	ng		97
54) 2,4-Dinitrophenol	14.677	184	369144	70.738	ng		95
55) Dibenzofuran	14.965	168	2044106	41.179	ng		99
56) 4-Nitrophenol	14.788	139	599764	101.480	ng		96
57) 2,4-Dinitrotoluene	14.929	165	544092	45.374	ng		92
58) Fluorene	15.611	166	1686888	41.036	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	552293	48.650	ng		98
60) Diethylphthalate	15.382	149	1668433	42.407	ng		97
61) 4-Chlorophenyl-phenyle...	15.605	204	889134	39.264	ng		97
62) 4-Nitroaniline	15.640	138	375030	44.223	ng		97
63) Azobenzene	15.899	77	1610751	40.478	ng		99
65) 4,6-Dinitro-2-methylph...	15.693	198	315316	40.771	ng		98
66) n-Nitrosodiphenylamine	15.823	169	1556347	41.928	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	602349	39.213	ng		97
68) Hexachlorobenzene	16.616	284	676537	37.207	ng		98
69) Atrazine	16.769	200	590268	42.172	ng		98
70) Pentachlorophenol	16.962	266	803626	81.994	ng		94
71) Phenanthrene	17.356	178	2792995	41.334	ng		97
72) Anthracene	17.444	178	2848316	42.220	ng		97
73) Carbazole	17.714	167	2551840	40.122	ng		96
74) Di-n-butylphthalate	18.273	149	2774909	42.403	ng		97
75) Fluoranthene	19.371	202	3170686	39.067	ng		92
77) Benzidine	19.548	184	1058332	38.551	ng		98
78) Pyrene	19.730	202	3297216	40.860	ng		91
80) Butylbenzylphthalate	20.617	149	1256333	45.253	ng		95
81) Benzo(a)anthracene	21.557	228	3277011	41.890	ng		95
82) 3,3'-Dichlorobenzidine	21.475	252	635993	21.229	ng		96
83) Chrysene	21.622	228	3122312	40.582	ng		95
84) Bis(2-ethylhexyl)phtha...	21.457	149	1897179	45.222	ng		98
85) Di-n-octyl phthalate	22.644	149	3152388	46.370	ng		99
87) Indeno(1,2,3-cd)pyrene	28.349	276	4102201	41.024	ng	#	94
88) Benzo(b)fluoranthene	23.731	252	3379428	39.777	ng		97
89) Benzo(k)fluoranthene	23.801	252	3331327	39.736	ng		98
90) Benzo(a)pyrene	24.589	252	3161238	41.190	ng		99
91) Dibenzo(a,h)anthracene	28.408	278	3327486	40.747	ng		99
92) Benzo(g,h,i)perylene	29.477	276	3231384	38.608	ng		99

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

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