Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060409.D
Acq On : 23 Jan 2024 18:38
Operator : MA/JU
Sample : P1219-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
222177MSD

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

Quant Time: Jan 24 03:17:28 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	146878	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	671508	20.000	ng		0.00
39) Acenaphthene-d10	14.565	164	573563	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1490240	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1357644	20.000	ng		0.00
86) Perylene-d12	24.735	264	1563827	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1424752	159.548	ng		0.00
7) Phenol-d6	7.097	99	1852331	140.083	ng		0.00
23) Nitrobenzene-d5	9.089	82	1083836	76.215	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1163021	137.819	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	2872351	69.626	ng		0.00
79) Terphenyl-d14	19.929	244	4405719	80.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	153630	37.663	ng		99
3) Pyridine	3.789	79	434800	37.779	ng		94
4) n-Nitrosodimethylamine	3.707	42	162136	45.014	ng	#	96
6) Aniline	7.250	93	320039	24.214	ng		96
8) 2-Chlorophenol	7.491	128	476197	53.808	ng		95
9) Benzaldehyde	7.062	77	278218m	36.655	ng		
10) Phenol	7.121	94	720958	54.380	ng		99
11) bis(2-Chloroethyl)ether	7.344	93	488507	45.218	ng		97
12) 1,3-Dichlorobenzene	7.814	146	485711	43.725	ng		99
13) 1,4-Dichlorobenzene	7.961	146	478189	42.428	ng		100
14) 1,2-Dichlorobenzene	8.278	146	497289	42.909	ng		97
15) Benzyl Alcohol	8.167	79	470440	54.961	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.443	45	568549	43.360	ng		97
17) 2-Methylphenol	8.372	107	480613	52.779	ng		98
18) Hexachloroethane	9.007	117	171088	43.295	ng		93
19) n-Nitroso-di-n-propyla...	8.725	70	424162	46.347	ng		96
20) 3+4-Methylphenols	8.695	107	674185	54.911	ng		95
22) Acetophenone	8.748	105	813530	44.073	ng	#	98
24) Nitrobenzene	9.130	77	598003	40.565	ng		94
25) Isophorone	9.647	82	1240376	43.432	ng		97
26) 2-Nitrophenol	9.841	139	286964	52.943	ng		97
27) 2,4-Dimethylphenol	9.900	122	421402	58.837	ng		99
28) bis(2-Chloroethoxy)met...	10.135	93	729402	41.801	ng		99
29) 2,4-Dichlorophenol	10.376	162	618137	53.259	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	623174	43.158	ng		97
31) Naphthalene	10.781	128	1558109	44.265	ng		99
32) Benzoic acid	10.023	122	211273	36.505	ng		96
33) 4-Chloroaniline	10.887	127	237830	17.535	ng		98
34) Hexachlorobutadiene	11.063	225	375609	39.932	ng		96
35) Caprolactam	11.668	113	251598m	67.304	ng		
36) 4-Chloro-3-methylphenol	12.021	107	701995	59.537	ng		98
37) 2-Methylnaphthalene	12.391	142	1215745	46.569	ng		97
38) 1-Methylnaphthalene	12.608	142	1195851	45.617	ng		98
40) 1,2,4,5-Tetrachloroben...	12.755	216	836785	41.079	ng		99
41) Hexachlorocyclopentadiene	12.732	237	716637	105.963	ng		99
43) 2,4,6-Trichlorophenol	12.996	196	659751	50.893	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	740274	51.773	ng		98
46) 1,1'-Biphenyl	13.396	154	1824725	42.147	ng		99
47) 2-Chloronaphthalene	13.443	162	1527561	41.185	ng		98
48) 2-Nitroaniline	13.648	65	478047	51.754	ng		92
49) Acenaphthylene	14.289	152	2537842	49.688	ng		99
50) Dimethylphthalate	14.019	163	2036273	46.458	ng		99
51) 2,6-Dinitrotoluene	14.142	165	465789	49.803	ng		99
52) Acenaphthene	14.630	154	1435513	45.137	ng		100
53) 3-Nitroaniline	14.471	138	204378	23.982	ng		95
54) 2,4-Dinitrophenol	14.677	184	511615	89.125	ng		98
55) Dibenzofuran	14.965	168	2512659	47.327	ng		97
56) 4-Nitrophenol	14.788	139	745239	117.897	ng		95
57) 2,4-Dinitrotoluene	14.929	165	683946	53.329	ng		93
58) Fluorene	15.617	166	2055968	46.763	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	678532	55.884	ng		98
60) Diethylphthalate	15.382	149	2034835	48.358	ng		97
61) 4-Chlorophenyl-phenyle...	15.605	204	1099623	45.402	ng		97
62) 4-Nitroaniline	15.640	138	475834	52.462	ng		95
63) Azobenzene	15.899	77	1980149	46.526	ng		98
65) 4,6-Dinitro-2-methylph...	15.693	198	418642	50.780	ng		95
66) n-Nitrosodiphenylamine	15.822	169	1891004	47.789	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	737127	45.016	ng		96
68) Hexachlorobenzene	16.616	284	843010	43.492	ng		99
69) Atrazine	16.768	200	744092	49.870	ng		98
70) Pentachlorophenol	16.962	266	1037411	99.294	ng		93
71) Phenanthrene	17.356	178	3350113	46.509	ng		99
72) Anthracene	17.450	178	3436977	47.792	ng		99
73) Carbazole	17.720	167	3075969	45.369	ng		98
74) Di-n-butylphthalate	18.272	149	3304330	47.367	ng		99
75) Fluoranthene	19.371	202	3773788	43.619	ng		95
77) Benzidine	19.547	184	1301490	44.126	ng		98
78) Pyrene	19.735	202	3895196	44.928	ng		94
80) Butylbenzylphthalate	20.617	149	1574938	52.800	ng		98
81) Benzo(a)anthracene	21.557	228	3958224	47.095	ng		99
82) 3,3'-Dichlorobenzidine	21.475	252	768379	23.872	ng		98
83) Chrysene	21.621	228	3791097	45.863	ng		97
84) Bis(2-ethylhexyl)phtha...	21.457	149	2342110	51.962	ng		97
85) Di-n-octyl phthalate	22.650	149	3831587	52.458	ng		100
87) Indeno(1,2,3-cd)pyrene	28.349	276	5180148	47.640	ng	#	95
88) Benzo(b)fluoranthene	23.737	252	4180916	45.256	ng		98
89) Benzo(k)fluoranthene	23.801	252	4157406	45.603	ng		99
90) Benzo(a)pyrene	24.594	252	3944534	47.265	ng		100
91) Dibenzo(a,h)anthracene	28.413	278	4237821	47.723	ng		99
92) Benzo(g,h,i)perylene	29.489	276	4111263	45.173	ng		98

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

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