Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061212.D
Acq On : 15 May 2024 19:05
Operator : MA/JU
Sample : P2468-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 16 01:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	28724	20.000	ng		-0.03
21) Naphthalene-d8	10.726	136	113174	20.000	ng		-0.03
39) Acenaphthene-d10	14.557	164	84878	20.000	ng		-0.03
64) Phenanthrene-d10	17.306	188	184686	20.000	ng		#-0.03
76) Chrysene-d12	21.566	240	184955	20.000	ng		-0.03
86) Perylene-d12	24.692	264	223570	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	186172	131.815	ng		-0.02
7) Phenol-d6	7.112	99	251445	120.346	ng		-0.02
23) Nitrobenzene-d5	9.086	82	184229	80.696	ng		-0.03
42) 2,4,6-Tribromophenol	16.055	330	178017	104.928	ng		-0.02
45) 2-Fluorobiphenyl	13.182	172	463705	80.785	ng		-0.03
79) Terphenyl-d14	19.927	244	790584	71.090	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	18284	32.017	ng		92
3) Pyridine	3.828	79	50166	29.853	ng		97
4) n-Nitrosodimethylamine	3.746	42	57311	35.497	ng		93
6) Aniline	7.253	93	37901	18.298	ng		94
8) 2-Chlorophenol	7.500	128	78369	45.228	ng		95
9) Benzaldehyde	7.065	77	20829	15.909	ng		97
10) Phenol	7.142	94	98319	46.273	ng		94
11) bis(2-Chloroethyl)ether	7.353	93	65511	44.631	ng		99
12) 1,3-Dichlorobenzene	7.817	146	88014	43.087	ng		98
13) 1,4-Dichlorobenzene	7.964	146	90267	42.756	ng		95
14) 1,2-Dichlorobenzene	8.282	146	88609	43.502	ng		96
15) Benzyl Alcohol	8.170	79	79761	42.319	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	154216	48.418	ng		98
17) 2-Methylphenol	8.381	107	66347	43.817	ng		94
18) Hexachloroethane	9.004	117	32398	43.007	ng		90
19) n-Nitroso-di-n-propyla...	8.734	70	63222	40.433	ng		91
20) 3+4-Methylphenols	8.710	107	91677	41.966	ng		92
22) Acetophenone	8.746	105	125721	44.606	ng		99
24) Nitrobenzene	9.128	77	98326	44.025	ng		99
25) Isophorone	9.651	82	169125	40.075	ng		99
26) 2-Nitrophenol	9.839	139	47664	45.044	ng		99
27) 2,4-Dimethylphenol	9.903	122	59512	48.782	ng		99
28) bis(2-Chloroethoxy)met...	10.132	93	91539	44.197	ng		97
29) 2,4-Dichlorophenol	10.385	162	87817	45.942	ng		95
30) 1,2,4-Trichlorobenzene	10.591	180	104074	45.187	ng		99
31) Naphthalene	10.773	128	256778	43.656	ng		98
32) Benzoic acid	10.079	122	33535	23.779	ng	#	84
33) 4-Chloroaniline	10.884	127	33251	14.175	ng		98
34) Hexachlorobutadiene	11.055	225	87870	44.464	ng		97
35) Caprolactam	11.672	113	23836m	34.627	ng		
36) 4-Chloro-3-methylphenol	12.024	107	92051	39.937	ng		98
37) 2-Methylnaphthalene	12.383	142	181587	41.198	ng		100
38) 1-Methylnaphthalene	12.600	142	168599	37.996	ng		93
40) 1,2,4,5-Tetrachloroben...	12.753	216	147508	52.074	ng		100
41) Hexachlorocyclopentadiene	12.729	237	60995	56.249	ng		98
43) 2,4,6-Trichlorophenol	13.000	196	83856	46.111	ng		95

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Data File : BG061212.D
Acq On : 15 May 2024 19:05
Operator : MA/JU
Sample : P2468-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 16 01:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	88974	43.229	ng		98
46) 1,1'-Biphenyl	13.393	154	260604	47.885	ng		97
47) 2-Chloronaphthalene	13.434	162	204737	46.981	ng		97
48) 2-Nitroaniline	13.640	65	74307	45.950	ng		94
49) Acenaphthylene	14.280	152	330004	49.304	ng		98
50) Dimethylphthalate	14.016	163	271165	41.362	ng		99
51) 2,6-Dinitrotoluene	14.139	165	57402	40.935	ng		97
52) Acenaphthene	14.621	154	181242	43.407	ng		94
53) 3-Nitroaniline	14.468	138	32687	25.475	ng		98
54) 2,4-Dinitrophenol	14.686	184	36706	38.115	ng		97
55) Dibenzofuran	14.962	168	311607	44.183	ng		100
56) 4-Nitrophenol	14.803	139	74086	71.448	ng		99
57) 2,4-Dinitrotoluene	14.933	165	80405	38.756	ng		94
58) Fluorene	15.608	166	253598	41.554	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.191	232	83668	39.490	ng		98
60) Diethylphthalate	15.379	149	257954	39.018	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	151958	41.468	ng		98
62) 4-Nitroaniline	15.632	138	50496	36.286	ng		94
63) Azobenzene	15.896	77	226128	43.939	ng		98
65) 4,6-Dinitro-2-methylph...	15.696	198	36265	31.648	ng		99
66) n-Nitrosodiphenylamine	15.820	169	227090	49.584	ng		96
67) 4-Bromophenyl-phenylether	16.495	248	108253	49.757	ng		97
68) Hexachlorobenzene	16.619	284	129069	47.664	ng		99
69) Atrazine	16.772	200	95650	50.642	ng		95
70) Pentachlorophenol	16.966	266	113584	68.276	ng		96
71) Phenanthrene	17.347	178	420031	49.739	ng		98
72) Anthracene	17.441	178	417953	49.601	ng		98
73) Carbazole	17.712	167	341142	46.046	ng		99
74) Di-n-butylphthalate	18.270	149	394984	44.835	ng		99
75) Fluoranthene	19.363	202	533815	46.142	ng		98
77) Benzidine	19.545	184	158871	45.306	ng		98
78) Pyrene	19.727	202	557708	47.429	ng		98
80) Butylbenzylphthalate	20.614	149	175050	47.029	ng		98
81) Benzo(a)anthracene	21.548	228	593378	49.027	ng		99
82) 3,3'-Dichlorobenzidine	21.466	252	136604	31.363	ng		97
83) Chrysene	21.613	228	549941	48.499	ng		99
84) Bis(2-ethylhexyl)phtha...	21.460	149	244336	50.270	ng		99
85) Di-n-octyl phthalate	22.635	149	420983	49.092	ng		99
87) Indeno(1,2,3-cd)pyrene	28.235	276	613013	41.374	ng	#	97
88) Benzo(b)fluoranthene	23.705	252	568749	45.525	ng		99
89) Benzo(k)fluoranthene	23.769	252	577616	48.059	ng		100
90) Benzo(a)pyrene	24.551	252	537712	49.403	ng		99
91) Dibenzo(a,h)anthracene	28.293	278	505641	41.209	ng	#	98
92) Benzo(g,h,i)perylene	29.351	276	447458	36.697	ng		100

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

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