Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
Data File : BG061126.D
Acq On : 6 May 2024 18:54
Operator : MA/JU
Sample : P2386-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-050324-AMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 01:32:28 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	7.935	152	27477	20.000	ng		-0.03
21) Naphthalene-d8	10.731	136	105388	20.000	ng		-0.03
39) Acenaphthene-d10	14.562	164	81100	20.000	ng		-0.03
64) Phenanthrene-d10	17.318	188	183061	20.000	ng		-0.01
76) Chrysene-d12	21.572	240	176333	20.000	ng		-0.02
86) Perylene-d12	24.715	264	136805m	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	28871	21.369	ng		-0.01
7) Phenol-d6	7.112	99	39581	19.804	ng		-0.02
23) Nitrobenzene-d5	9.092	82	29412	13.835	ng		-0.03
42) 2,4,6-Tribromophenol	16.055	330	31057	19.159	ng		-0.02
45) 2-Fluorobiphenyl	13.187	172	73968	13.487	ng		-0.02
79) Terphenyl-d14	19.932	244	137595	12.978	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	3240	5.931	ng	#	67
3) Pyridine	3.840	79	10123	6.297	ng		91
4) n-Nitrosodimethylamine	3.751	42	10776	6.977	ng	#	83
6) Aniline	7.259	93	14939	7.540	ng		99
8) 2-Chlorophenol	7.506	128	15163	9.148	ng		92
9) Benzaldehyde	7.077	77	6561	4.222	ng		84
10) Phenol	7.136	94	17875	8.795	ng		94
11) bis(2-Chloroethyl)ether	7.359	93	11784	8.392	ng		94
12) 1,3-Dichlorobenzene	7.829	146	17488	8.950	ng		97
13) 1,4-Dichlorobenzene	7.976	146	16835	8.336	ng		93
14) 1,2-Dichlorobenzene	8.287	146	17267	8.862	ng		98
15) Benzyl Alcohol	8.176	79	14721	8.165	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.452	45	26422	8.672	ng		94
17) 2-Methylphenol	8.381	107	12877	8.890	ng		91
18) Hexachloroethane	9.016	117	4125	5.724	ng		94
19) n-Nitroso-di-n-propyla...	8.734	70	10675	7.137	ng	#	93
20) 3+4-Methylphenols	8.716	107	17616	8.430	ng		90
22) Acetophenone	8.751	105	23261	8.863	ng	#	99
24) Nitrobenzene	9.133	77	18426	8.860	ng		97
25) Isophorone	9.650	82	30872	7.856	ng	#	94
26) 2-Nitrophenol	9.844	139	7443	7.554	ng		95
27) 2,4-Dimethylphenol	9.909	122	10904	9.598	ng		93
28) bis(2-Chloroethoxy)met...	10.132	93	16811	8.716	ng		97
29) 2,4-Dichlorophenol	10.385	162	16815	9.447	ng		97
30) 1,2,4-Trichlorobenzene	10.596	180	20634	9.621	ng		96
31) Naphthalene	10.784	128	50947	9.302	ng		98
32) Benzoic acid	10.021	122	6650m	5.064	ng		
33) 4-Chloroaniline	10.884	127	16462	7.536	ng		95
34) Hexachlorobutadiene	11.066	225	17365	9.436	ng		93
35) Caprolactam	11.636	113	4284	6.683	ng	#	88
36) 4-Chloro-3-methylphenol	12.024	107	17938	8.357	ng		98
37) 2-Methylnaphthalene	12.388	142	36622	8.923	ng		98
38) 1-Methylnaphthalene	12.612	142	34473	8.343	ng		92
40) 1,2,4,5-Tetrachloroben...	12.758	216	28765	10.628	ng		99
43) 2,4,6-Trichlorophenol	13.005	196	16225	9.337	ng		96
44) 2,4,5-Trichlorophenol	13.082	196	17291	8.792	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.399	154	50748	9.759	ng		95
47) 2-Chloronaphthalene	13.440	162	39662	9.525	ng		96
48) 2-Nitroaniline	13.640	65	15372	9.949	ng		99
49) Acenaphthylene	14.286	152	64555	10.094	ng		98
50) Dimethylphthalate	14.016	163	51865	8.280	ng	#	95
51) 2,6-Dinitrotoluene	14.139	165	9835	7.340	ng	#	86
52) Acenaphthene	14.627	154	37685	9.446	ng		90
53) 3-Nitroaniline	14.468	138	11593	9.456	ng		93
55) Dibenzofuran	14.962	168	61584	9.139	ng		99
56) 4-Nitrophenol	14.797	139	14336	14.470	ng		95
57) 2,4-Dinitrotoluene	14.927	165	12363	6.237	ng		89
58) Fluorene	15.614	166	51098	8.763	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.197	232	17771	8.778	ng	#	97
60) Diethylphthalate	15.379	149	51738	8.190	ng		97
61) 4-Chlorophenyl-phenyle...	15.608	204	30585	8.735	ng		96
62) 4-Nitroaniline	15.626	138	13326	10.022	ng		93
63) Azobenzene	15.902	77	41937	8.528	ng		99
66) n-Nitrosodiphenylamine	15.820	169	45295	9.978	ng		96
67) 4-Bromophenyl-phenylether	16.501	248	21784	10.102	ng		96
68) Hexachlorobenzene	16.625	284	25462	9.486	ng		92
69) Atrazine	16.771	200	19613	10.476	ng		99
70) Pentachlorophenol	16.971	266	21304	12.920	ng		93
71) Phenanthrene	17.359	178	94767	11.322	ng		99
72) Anthracene	17.447	178	85987	10.295	ng		98
73) Carbazole	17.717	167	69583	9.475	ng		99
74) Di-n-butylphthalate	18.281	149	80601	9.230	ng		98
75) Fluoranthene	19.368	202	114226	9.961	ng		99
77) Benzidine	19.545	184	19356	8.228	ng	#	95
78) Pyrene	19.733	202	125662	11.209	ng		99
80) Butylbenzylphthalate	20.626	149	33363	9.402	ng		91
81) Benzo(a)anthracene	21.554	228	113662	9.850	ng		97
82) 3,3'-Dichlorobenzidine	21.472	252	36395	8.765	ng		96
83) Chrysene	21.619	228	116509	10.777	ng		98
84) Bis(2-ethylhexyl)phtha...	21.472	149	46225	9.975	ng	#	98
85) Di-n-octyl phthalate	22.653	149	78339	9.582	ng		94
87) Indeno(1,2,3-cd)pyrene	28.258	276	47164m	5.202	ng		
88) Benzo(b)fluoranthene	23.710	252	63569	8.315	ng		98
89) Benzo(k)fluoranthene	23.781	252	93198m	12.672	ng		
90) Benzo(a)pyrene	24.556	252	69071m	10.371	ng		
91) Dibenzo(a,h)anthracene	28.317	278	37825m	5.038	ng		
92) Benzo(g,h,i)perylene	29.351	276	33353m	4.470	ng		

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

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