Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
Data File : BG061014.D
Acq On : 23 Apr 2024 19:21
Operator : MA/JU
Sample : P2166-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:15:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	25663	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	98949	20.000	ng	#	0.00
39) Acenaphthene-d10	14.570	164	76463	20.000	ng		0.00
64) Phenanthrene-d10	17.320	188	183898	20.000	ng		0.00
76) Chrysene-d12	21.586	240	185231	20.000	ng		0.00
86) Perylene-d12	24.706	264	228747	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	156395	123.270	ng		0.00
7) Phenol-d6	7.120	99	207044	109.987	ng		0.01
23) Nitrobenzene-d5	9.100	82	145005	65.841	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	180742	107.644	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	387542	70.147	ng		0.00
79) Terphenyl-d14	19.941	244	746144	62.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.454	88	14889	33.909	ng		97
3) Pyridine	3.836	79	40276	29.675	ng		98
4) n-Nitrosodimethylamine	3.754	42	44723	36.637	ng		99
6) Aniline	7.267	93	31530	13.936	ng		96
8) 2-Chlorophenol	7.514	128	74052	46.844	ng		99
9) Benzaldehyde	7.085	77	3457	3.570	ng		94
10) Phenol	7.144	94	85256	45.585	ng		92
11) bis(2-Chloroethyl)ether	7.367	93	55204	41.256	ng		97
12) 1,3-Dichlorobenzene	7.831	146	83952	47.889	ng		100
13) 1,4-Dichlorobenzene	7.978	146	85515	47.358	ng		99
14) 1,2-Dichlorobenzene	8.295	146	83297	47.201	ng		96
15) Benzyl Alcohol	8.178	79	72238	40.644	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.460	45	122793	42.156	ng		100
17) 2-Methylphenol	8.389	107	58671	38.852	ng		97
18) Hexachloroethane	9.024	117	31507	48.423	ng		93
19) n-Nitroso-di-n-propyla...	8.748	70	52095	37.134	ng		98
20) 3+4-Methylphenols	8.718	107	82777	39.194	ng		99
22) Acetophenone	8.765	105	113031	40.909	ng	#	91
24) Nitrobenzene	9.142	77	85685	40.489	ng		98
25) Isophorone	9.664	82	142016	38.532	ng		99
26) 2-Nitrophenol	9.852	139	42596	42.827	ng		98
27) 2,4-Dimethylphenol	9.917	122	53160	33.346	ng		89
28) bis(2-Chloroethoxy)met...	10.146	93	74942	38.653	ng		91
29) 2,4-Dichlorophenol	10.387	162	80676	43.847	ng		96
30) 1,2,4-Trichlorobenzene	10.605	180	97738	48.144	ng		96
31) Naphthalene	10.793	128	232942	43.000	ng		98
32) Benzoic acid	10.076	122	53523m	44.063	ng		
33) 4-Chloroaniline	10.892	127	30414	12.359	ng		96
34) Hexachlorobutadiene	11.080	225	84569	47.368	ng		94
35) Caprolactam	11.674	113	21913m	37.391	ng		
36) 4-Chloro-3-methylphenol	12.026	107	87531	40.789	ng		99
37) 2-Methylnaphthalene	12.397	142	167704	39.373	ng		96
38) 1-Methylnaphthalene	12.614	142	156683	39.420	ng		100
40) 1,2,4,5-Tetrachloroben...	12.767	216	139492	51.335	ng		99
41) Hexachlorocyclopentadiene	12.749	237	103698	64.857	ng		99
43) 2,4,6-Trichlorophenol	13.008	196	85968	48.129	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	93203	44.111	ng		97
46) 1,1'-Biphenyl	13.407	154	245671	47.699	ng		96
47) 2-Chloronaphthalene	13.448	162	191283	48.438	ng		98
48) 2-Nitroaniline	13.648	65	65370	41.016	ng		99
49) Acenaphthylene	14.294	152	314005	47.213	ng		98
50) Dimethylphthalate	14.030	163	261118	41.413	ng		98
51) 2,6-Dinitrotoluene	14.147	165	54452	41.389	ng		98
52) Acenaphthene	14.635	154	176109	43.578	ng		94
53) 3-Nitroaniline	14.471	138	33473	25.803	ng		93
54) 2,4-Dinitrophenol	14.682	184	42526	51.729	ng		98
55) Dibenzofuran	14.976	168	302371	43.330	ng		98
56) 4-Nitrophenol	14.800	139	86203	92.752	ng		97
57) 2,4-Dinitrotoluene	14.935	165	80599	42.537	ng		97
58) Fluorene	15.622	166	249656	42.386	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.199	232	94500	44.314	ng	#	99
60) Diethylphthalate	15.399	149	256094	41.243	ng		99
61) 4-Chlorophenyl-phenyle...	15.616	204	152298	41.924	ng		96
62) 4-Nitroaniline	15.640	138	48343	34.560	ng		95
63) Azobenzene	15.910	77	210224	41.624	ng		95
65) 4,6-Dinitro-2-methylph...	15.704	198	34048	29.985	ng		87
66) n-Nitrosodiphenylamine	15.834	169	223207	44.056	ng		97
67) 4-Bromophenyl-phenylether	16.509	248	111829	46.077	ng		100
68) Hexachlorobenzene	16.627	284	134018	49.992	ng		98
69) Atrazine	16.785	200	99378	52.408	ng		98
70) Pentachlorophenol	16.974	266	171635	97.638	ng		98
71) Phenanthrene	17.361	178	409979	43.676	ng		99
72) Anthracene	17.455	178	418091	43.247	ng		98
73) Carbazole	17.720	167	358219	44.616	ng		99
74) Di-n-butylphthalate	18.290	149	412938	42.362	ng		99
75) Fluoranthene	19.377	202	528819	42.450	ng		97
77) Benzidine	19.553	184	148675	43.319	ng		98
78) Pyrene	19.735	202	540702	42.871	ng		97
80) Butylbenzylphthalate	20.634	149	177041	42.115	ng		99
81) Benzo(a)anthracene	21.562	228	587466	45.110	ng		96
82) 3,3'-Dichlorobenzidine	21.480	252	146800	31.191	ng		99
83) Chrysene	21.627	228	547540	44.161	ng		99
84) Bis(2-ethylhexyl)phtha...	21.486	149	257231	42.088	ng		98
85) Di-n-octyl phthalate	22.673	149	438043	43.170	ng		99
87) Indeno(1,2,3-cd)pyrene	28.260	276	718610m	45.286	ng		
88) Benzo(b)fluoranthene	23.724	252	590602	45.561	ng		99
89) Benzo(k)fluoranthene	23.789	252	600585	45.896	ng		99
90) Benzo(a)pyrene	24.565	252	556549	44.356	ng		99
91) Dibenzo(a,h)anthracene	28.325	278	598726	46.182	ng		99
92) Benzo(g,h,i)perylene	29.365	276	506086	39.370	ng		94

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

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