Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
Data File : BG061040.D
Acq On : 25 Apr 2024 16:40
Operator : MA/JU
Sample : P2261-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 17:39:29 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	7.947	152	28067	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	107691	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	81719	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	188224	20.000	ng		0.00
76) Chrysene-d12	21.584	240	189029	20.000	ng		0.00
86) Perylene-d12	24.715	264	173721	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	182381	131.439	ng		0.00
7) Phenol-d6	7.118	99	256560	124.618	ng		0.00
23) Nitrobenzene-d5	9.098	82	157508	65.713	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	194059	108.142	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	420531	71.222	ng		0.00
79) Terphenyl-d14	19.939	244	719422	59.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	18552	38.632	ng		93
3) Pyridine	3.840	79	52751	35.537	ng		99
4) n-Nitrosodimethylamine	3.758	42	60426	45.261	ng		99
6) Aniline	7.271	93	44898	18.145	ng		98
8) 2-Chlorophenol	7.512	128	89065	51.515	ng		96
9) Benzaldehyde	7.083	77	3031	2.862	ng	#	80
10) Phenol	7.148	94	105201	51.432	ng		96
11) bis(2-Chloroethyl)ether	7.365	93	70082	47.889	ng		93
12) 1,3-Dichlorobenzene	7.835	146	87091	45.424	ng		99
13) 1,4-Dichlorobenzene	7.976	146	88307	44.715	ng		97
14) 1,2-Dichlorobenzene	8.294	146	86649	44.895	ng		96
15) Benzyl Alcohol	8.182	79	74622	38.389	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.464	45	126172	39.606	ng		99
17) 2-Methylphenol	8.388	107	62193	37.657	ng		91
18) Hexachloroethane	9.022	117	31813	44.706	ng		95
19) n-Nitroso-di-n-propyla...	8.746	70	55926	36.451	ng		98
20) 3+4-Methylphenols	8.717	107	88274	38.217	ng		97
22) Acetophenone	8.764	105	121981	40.564	ng	#	93
24) Nitrobenzene	9.140	77	90893	39.463	ng		95
25) Isophorone	9.662	82	154130	38.424	ng		98
26) 2-Nitrophenol	9.851	139	43340	40.037	ng		98
27) 2,4-Dimethylphenol	9.915	122	58845	33.915	ng		94
28) bis(2-Chloroethoxy)met...	10.144	93	83027	39.346	ng		97
29) 2,4-Dichlorophenol	10.391	162	86102	42.997	ng		99
30) 1,2,4-Trichlorobenzene	10.603	180	103654	46.914	ng		96
31) Naphthalene	10.791	128	258878	43.909	ng		99
32) Benzoic acid	10.068	122	53529m	40.491	ng		
33) 4-Chloroaniline	10.890	127	39525	14.758	ng		99
34) Hexachlorobutadiene	11.079	225	90548	46.600	ng		97
35) Caprolactam	11.678	113	23990m	37.612	ng		
36) 4-Chloro-3-methylphenol	12.030	107	93682	40.112	ng		95
37) 2-Methylnaphthalene	12.400	142	184468	39.794	ng		99
38) 1-Methylnaphthalene	12.618	142	173962	40.215	ng		98
40) 1,2,4,5-Tetrachloroben...	12.765	216	150969	51.985	ng		99
41) Hexachlorocyclopentadiene	12.747	237	61001	35.699	ng		96
43) 2,4,6-Trichlorophenol	13.006	196	92041	48.214	ng		96

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44) 2,4,5-Trichlorophenol	13.088	196	101342	44.878	ng		97
46) 1,1'-Biphenyl	13.405	154	262723	47.729	ng		100
47) 2-Chloronaphthalene	13.446	162	207123	49.076	ng		97
48) 2-Nitroaniline	13.646	65	74826	43.929	ng		93
49) Acenaphthylene	14.298	152	340675	47.929	ng		99
50) Dimethylphthalate	14.034	163	281391	41.758	ng		97
51) 2,6-Dinitrotoluene	14.145	165	57482	40.882	ng		98
52) Acenaphthene	14.639	154	187639	43.445	ng		95
53) 3-Nitroaniline	14.475	138	41848	30.184	ng		99
54) 2,4-Dinitrophenol	14.686	184	24183	30.128	ng		92
55) Dibenzofuran	14.974	168	324216	43.472	ng		98
56) 4-Nitrophenol	14.798	139	87148	87.738	ng		95
57) 2,4-Dinitrotoluene	14.939	165	82925	40.949	ng		93
58) Fluorene	15.620	166	270192	42.922	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.203	232	100727	44.196	ng	#	98
60) Diethylphthalate	15.397	149	268623	40.478	ng		98
61) 4-Chlorophenyl-phenyle...	15.614	204	160527	41.347	ng		99
62) 4-Nitroaniline	15.644	138	55941	37.419	ng		96
63) Azobenzene	15.908	77	222028	41.133	ng		98
65) 4,6-Dinitro-2-methylph...	15.702	198	19316	16.620	ng		96
66) n-Nitrosodiphenylamine	15.832	169	241631	46.596	ng		99
67) 4-Bromophenyl-phenylether	16.513	248	114729	46.185	ng		99
68) Hexachlorobenzene	16.631	284	137149	49.984	ng		98
69) Atrazine	16.784	200	101369	52.230	ng		95
70) Pentachlorophenol	16.977	266	170579	94.807	ng		98
71) Phenanthrene	17.365	178	444436	46.259	ng		99
72) Anthracene	17.453	178	442413	44.711	ng		98
73) Carbazole	17.724	167	366655	44.617	ng		99
74) Di-n-butylphthalate	18.288	149	413456	41.440	ng		100
75) Fluoranthene	19.381	202	630689	49.464	ng		97
77) Benzidine	19.557	184	222029	63.392	ng		99
78) Pyrene	19.739	202	662001	51.434	ng		99
80) Butylbenzylphthalate	20.632	149	175667	40.948	ng		97
81) Benzo(a)anthracene	21.566	228	657345	49.462	ng		96
82) 3,3'-Dichlorobenzidine	21.478	252	174282	36.287	ng		100
83) Chrysene	21.631	228	636227	50.283	ng		97
84) Bis(2-ethylhexyl)phtha...	21.490	149	259293	41.573	ng		99
85) Di-n-octyl phthalate	22.671	149	438793	42.375	ng		98
87) Indeno(1,2,3-cd)pyrene	28.264	276	463917m	38.496	ng		
88) Benzo(b)fluoranthene	23.728	252	542120	55.067	ng		99
89) Benzo(k)fluoranthene	23.793	252	608446	61.224	ng		97
90) Benzo(a)pyrene	24.569	252	538505	56.513	ng		96
91) Dibenzo(a,h)anthracene	28.329	278	356113	36.169	ng		99
92) Benzo(g,h,i)perylene	29.375	276	302968m	31.034	ng		

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

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