Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
Data File : BG061061.D
Acq On : 30 Apr 2024 12:55
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 04:49:50 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 04:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	20013	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	80702	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	76274	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	204053	20.000	ng		0.00
76) Chrysene-d12	21.589	240	202304	20.000	ng		0.00
86) Perylene-d12	24.721	264	232238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.543	112	37023	37.623	ng		0.00
7) Phenol-d6	7.130	99	61655	42.354	ng		0.00
23) Nitrobenzene-d5	9.116	82	67303	41.342	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	62323	40.879	ng		0.00
45) 2-Fluorobiphenyl	13.211	172	207704	40.267	ng		0.00
79) Terphenyl-d14	19.944	244	511500	42.050	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	6754	16.975	ng		96
3) Pyridine	3.857	79	22243	20.043	ng		90
4) n-Nitrosodimethylamine	3.769	42	21457	19.075	ng	#	97
6) Aniline	7.288	93	30620	21.218	ng		99
8) 2-Chlorophenol	7.529	128	25438	21.071	ng		92
9) Benzaldehyde	7.100	77	18181m	20.461	ng		
10) Phenol	7.153	94	31398	21.209	ng		94
11) bis(2-Chloroethyl)ether	7.382	93	22141	21.650	ng		93
12) 1,3-Dichlorobenzene	7.852	146	31202	21.923	ng		95
13) 1,4-Dichlorobenzene	7.999	146	31089	21.135	ng		98
14) 1,2-Dichlorobenzene	8.311	146	29352	20.683	ng		94
15) Benzyl Alcohol	8.193	79	28942	22.040	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.493	45	42223	19.027	ng		98
17) 2-Methylphenol	8.405	107	20250	19.195	ng		91
18) Hexachloroethane	9.045	117	9390	17.890	ng		89
19) n-Nitroso-di-n-propyla...	8.757	70	20708	19.008	ng		89
20) 3+4-Methylphenols	8.728	107	29546	19.412	ng		97
22) Acetophenone	8.781	105	42346	21.070	ng	#	95
24) Nitrobenzene	9.157	77	33512	21.042	ng		93
25) Isophorone	9.680	82	62333	20.713	ng		98
26) 2-Nitrophenol	9.874	139	15357	20.352	ng		90
27) 2,4-Dimethylphenol	9.932	122	18260	20.990	ng		95
28) bis(2-Chloroethoxy)met...	10.162	93	30722	20.801	ng		98
29) 2,4-Dichlorophenol	10.408	162	28839	21.158	ng		97
30) 1,2,4-Trichlorobenzene	10.620	180	34649	21.097	ng		95
31) Naphthalene	10.808	128	87963	20.972	ng		98
32) Benzoic acid	10.038	122	22202m	23.118	ng		
33) 4-Chloroaniline	10.908	127	35435	21.184	ng		96
34) Hexachlorobutadiene	11.096	225	29026	20.598	ng	#	86
35) Caprolactam	11.672	113	10299	20.982	ng		93
36) 4-Chloro-3-methylphenol	12.036	107	34417	20.940	ng		91
37) 2-Methylnaphthalene	12.412	142	66420	21.133	ng		97
38) 1-Methylnaphthalene	12.629	142	66492	21.014	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.776	216	52021	20.436	ng		97
41) Hexachlorocyclopentadiene	12.758	237	18951	19.448	ng		97
43) 2,4,6-Trichlorophenol	13.017	196	32905	20.135	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	38518	20.825	ng		98
46) 1,1'-Biphenyl	13.417	154	98034	20.046	ng		98
47) 2-Chloronaphthalene	13.464	162	79943	20.414	ng		96
48) 2-Nitroaniline	13.657	65	28537	19.638	ng		97
49) Acenaphthylene	14.304	152	123508	20.534	ng		99
50) Dimethylphthalate	14.039	163	121538	20.630	ng		99
51) 2,6-Dinitrotoluene	14.157	165	24655	19.565	ng		99
52) Acenaphthene	14.650	154	77598	20.681	ng		99
53) 3-Nitroaniline	14.486	138	24338	21.108	ng		88
54) 2,4-Dinitrophenol	14.697	184	15466	19.044	ng		93
55) Dibenzofuran	14.985	168	128471	20.271	ng		96
56) 4-Nitrophenol	14.803	139	18247	19.582	ng		92
57) 2,4-Dinitrotoluene	14.944	165	39165	21.007	ng	#	94
58) Fluorene	15.632	166	113075	20.618	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	39478	20.735	ng		100
60) Diethylphthalate	15.402	149	122203	20.570	ng		99
61) 4-Chlorophenyl-phenyle...	15.626	204	67599	20.528	ng		99
62) 4-Nitroaniline	15.643	138	26435	21.139	ng		95
63) Azobenzene	15.919	77	94161	20.360	ng		97
65) 4,6-Dinitro-2-methylph...	15.708	198	26036	20.565	ng		98
66) n-Nitrosodiphenylamine	15.837	169	105528	20.855	ng		98
67) 4-Bromophenyl-phenylether	16.519	248	49685	20.670	ng		98
68) Hexachlorobenzene	16.636	284	60440	20.201	ng		96
69) Atrazine	16.789	200	42973	20.593	ng		91
70) Pentachlorophenol	16.983	266	37730	20.527	ng		93
71) Phenanthrene	17.371	178	190233	20.389	ng		99
72) Anthracene	17.465	178	194221	20.862	ng		99
73) Carbazole	17.729	167	164332	20.076	ng		100
74) Di-n-butylphthalate	18.299	149	196991	20.238	ng		99
75) Fluoranthene	19.380	202	260863	20.408	ng		100
77) Benzidine	19.562	184	70600	20.070	ng		98
78) Pyrene	19.744	202	264468	20.562	ng		99
80) Butylbenzylphthalate	20.637	149	84445	20.742	ng		93
81) Benzo(a)anthracene	21.572	228	270371	20.423	ng		97
82) 3,3'-Dichlorobenzidine	21.484	252	98408	20.656	ng		99
83) Chrysene	21.630	228	249486	20.115	ng		98
84) Bis(2-ethylhexyl)phtha...	21.489	149	106921	20.112	ng	#	99
85) Di-n-octyl phthalate	22.682	149	189843	20.240	ng		99
87) Indeno(1,2,3-cd)pyrene	28.270	276	312436	20.300	ng		99
88) Benzo(b)fluoranthene	23.728	252	265823	20.483	ng		96
89) Benzo(k)fluoranthene	23.798	252	252113	20.224	ng		99
90) Benzo(a)pyrene	24.574	252	229487	20.297	ng		98
91) Dibenzo(a,h)anthracene	28.334	278	260197	20.414	ng	#	96
92) Benzo(g,h,i)perylene	29.380	276	257089	20.297	ng		100

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

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