Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059956.D
Acq On : 5 Dec 2023 19:29
Operator : MA/JU
Sample : 05323-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 22:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	91632	20.000	ng	# 0.00
21) Naphthalene-d8	10.764	136	306527	20.000	ng	# 0.00
39) Acenaphthene-d10	14.601	164	312615	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1064821	20.000	ng	# 0.00
76) Chrysene-d12	21.622	240	1517378	20.000	ng	0.00
86) Perylene-d12	24.812	264	1674125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	722445	158.412	ng	0.00
7) Phenol-d6	7.115	99	958275	133.316	ng	0.00
23) Nitrobenzene-d5	9.119	82	759085	88.524	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1340976	133.323	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	2512496	87.659	ng	0.00
79) Terphenyl-d14	19.971	244	6012349	68.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	87486	56.738	ng	# 59
3) Pyridine	3.843	79	207054	44.996	ng	94
4) n-Nitrosodimethylamine	3.749	42	145778	60.262	ng	# 89
6) Aniline	7.286	93	156750	19.759	ng	96
8) 2-Chlorophenol	7.521	128	256015	57.550	ng	96
9) Benzaldehyde	7.098	77	19902m	3.727	ng	
10) Phenol	7.145	94	338604	47.095	ng	99
11) bis(2-Chloroethyl)ether	7.380	93	250083	49.982	ng	91
12) 1,3-Dichlorobenzene	7.850	146	287800	44.952	ng	97
13) 1,4-Dichlorobenzene	7.997	146	299687	45.218	ng	94
14) 1,2-Dichlorobenzene	8.314	146	278361	42.841	ng	95
15) Benzyl Alcohol	8.197	79	343746	48.393	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.490	45	118793m	45.208	ng	
17) 2-Methylphenol	8.396	107	224058	46.246	ng	92
18) Hexachloroethane	9.043	117	105270	40.937	ng	85
19) n-Nitroso-di-n-propyla...	8.767	70	232762	43.210	ng	# 91
20) 3+4-Methylphenols	8.725	107	306737	44.617	ng	95
22) Acetophenone	8.778	105	475856	48.581	ng	97
24) Nitrobenzene	9.166	77	387785	45.195	ng	95
25) Isophorone	9.683	82	654989	44.428	ng	# 94
26) 2-Nitrophenol	9.877	139	136884	50.166	ng	92
27) 2,4-Dimethylphenol	9.930	122	205083	54.755	ng	92
28) bis(2-Chloroethoxy)met...	10.171	93	318959	46.049	ng	96
29) 2,4-Dichlorophenol	10.406	162	392186	52.589	ng	98
30) 1,2,4-Trichlorobenzene	10.629	180	506869	46.610	ng	# 94
31) Naphthalene	10.817	128	749543	47.570	ng	# 95
32) Benzoic acid	10.053	122	176479m	49.412	ng	
33) 4-Chloroaniline	10.917	127	33969	5.528	ng	93
34) Hexachlorobutadiene	11.105	225	550788	45.174	ng	98
35) Caprolactam	11.698	113	68466m	43.652	ng	
36) 4-Chloro-3-methylphenol	12.039	107	322814	52.565	ng	92
37) 2-Methylnaphthalene	12.427	142	633447	47.364	ng	99
38) 1-Methylnaphthalene	12.644	142	618830	47.380	ng	97
40) 1,2,4,5-Tetrachloroben...	12.791	216	1078043	48.306	ng	98
41) Hexachlorocyclopentadiene	12.774	237	1137229	100.567	ng	95
43) 2,4,6-Trichlorophenol	13.026	196	560729	49.068	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.097	196	623782	49.639	ng		97
46) 1,1'-Biphenyl	13.432	154	1126837	49.323	ng		100
47) 2-Chloronaphthalene	13.479	162	941180	46.045	ng		97
48) 2-Nitroaniline	13.673	65	202914	52.372	ng		98
49) Acenaphthylene	14.319	152	1364512	49.879	ng		100
50) Dimethylphthalate	14.054	163	1297454	48.754	ng		98
51) 2,6-Dinitrotoluene	14.172	165	277635	47.618	ng		91
52) Acenaphthene	14.660	154	1114697m	56.456	ng		
53) 3-Nitroaniline	14.501	138	89658	24.787	ng	#	75
54) 2,4-Dinitrophenol	14.701	184	512919	100.860	ng		96
55) Dibenzofuran	15.000	168	1617129	48.557	ng		97
56) 4-Nitrophenol	14.801	139	281579	89.699	ng	#	85
57) 2,4-Dinitrotoluene	14.959	165	377820	46.592	ng	#	96
58) Fluorene	15.647	166	1386490	48.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.218	232	744400	49.796	ng		99
60) Diethylphthalate	15.423	149	1121654	47.322	ng		96
61) 4-Chlorophenyl-phenyle...	15.641	204	1219750	47.444	ng		96
62) 4-Nitroaniline	15.664	138	172298	41.383	ng		94
63) Azobenzene	15.935	77	1066996	43.392	ng		95
65) 4,6-Dinitro-2-methylph...	15.717	198	372508	45.757	ng		91
66) n-Nitrosodiphenylamine	15.858	169	1253887	51.407	ng		98
67) 4-Bromophenyl-phenylether	16.540	248	897722	49.209	ng		97
68) Hexachlorobenzene	16.651	284	1015614	50.104	ng		98
69) Atrazine	16.804	200	710870	59.067	ng		98
70) Pentachlorophenol	16.992	266	1396774	95.093	ng		98
71) Phenanthrene	17.392	178	2517693	50.073	ng		98
72) Anthracene	17.480	178	2523546	49.102	ng		99
73) Carbazole	17.750	167	1915365	49.035	ng		99
74) Di-n-butylphthalate	18.320	149	1747722	51.730	ng		99
75) Fluoranthene	19.407	202	3732860	45.174	ng		99
77) Benzidine	19.583	184	209809	16.406	ng		95
78) Pyrene	19.765	202	3790145	46.936	ng		93
80) Butylbenzylphthalate	20.664	149	621087	54.219	ng		94
81) Benzo(a)anthracene	21.604	228	4751959	46.937	ng		94
82) 3,3'-Dichlorobenzidine	21.516	252	1004814	30.220	ng		95
83) Chrysene	21.669	228	4440263	46.780	ng		93
84) Bis(2-ethylhexyl)phtha...	21.522	149	975777	55.669	ng		98
85) Di-n-octyl phthalate	22.732	149	1726887	57.008	ng		98
87) Indeno(1,2,3-cd)pyrene	28.467	276	6612111	53.486	ng	#	99
88) Benzo(b)fluoranthene	23.802	252	5357392	51.773	ng	#	96
89) Benzo(k)fluoranthene	23.872	252	5022090	49.807	ng	#	94
90) Benzo(a)pyrene	24.666	252	4685197	50.698	ng		98
91) Dibenzo(a,h)anthracene	28.526	278	5667667	53.998	ng		98
92) Benzo(g,h,i)perylene	29.601	276	5119390	50.431	ng	#	96

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

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