Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060632.D
Acq On : 14 Mar 2024 10:25
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 12:05:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

03/15/2024
Supervised By :mohammad ahmed

03/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.322	152	100214	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	455197	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	300034	20.000	ng		0.00
64) Phenanthrene-d10	17.694	188	621112	20.000	ng		0.00
76) Chrysene-d12	22.018	240	570870	20.000	ng		0.00
86) Perylene-d12	25.567	264	652588	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	520602	81.663	ng		0.00
7) Phenol-d6	7.435	99	760362	82.223	ng		0.00
23) Nitrobenzene-d5	9.521	82	735358	84.075	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	289989	83.408	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	1756466	79.152	ng		0.00
79) Terphenyl-d14	20.273	244	2509630	79.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.651	88	110164	41.284	ng		98
3) Pyridine	4.069	79	328990	41.716	ng		97
4) n-Nitrosodimethylamine	3.998	42	162445	41.990	ng		99
6) Aniline	7.647	93	462377	40.918	ng		99
8) 2-Chlorophenol	7.870	128	285200	40.926	ng		98
9) Benzaldehyde	7.465	77	208751	40.325	ng		99
10) Phenol	7.465	94	379096	40.856	ng		99
11) bis(2-Chloroethyl)ether	7.741	93	296135	40.035	ng		97
12) 1,3-Dichlorobenzene	8.205	146	304156	40.473	ng		99
13) 1,4-Dichlorobenzene	8.358	146	309319	40.605	ng		98
14) 1,2-Dichlorobenzene	8.681	146	299844	39.632	ng		98
15) Benzyl Alcohol	8.563	79	293568	40.154	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.839	45	563092m	39.213	ng		
17) 2-Methylphenol	8.740	107	285950	40.133	ng		97
18) Hexachloroethane	9.409	117	109919	42.240	ng		97
19) n-Nitroso-di-n-propyla...	9.133	70	255726	39.894	ng		96
20) 3+4-Methylphenols	9.074	107	391580	40.749	ng		98
22) Acetophenone	9.168	105	507200	41.560	ng	#	97
24) Nitrobenzene	9.562	77	365957	41.851	ng		95
25) Isophorone	10.073	82	723014	41.301	ng		98
26) 2-Nitrophenol	10.273	139	137015	39.116	ng		99
27) 2,4-Dimethylphenol	10.291	122	307009	39.624	ng		99
28) bis(2-Chloroethoxy)met...	10.555	93	425027	40.500	ng		97
29) 2,4-Dichlorophenol	10.790	162	288138	41.436	ng		97
30) 1,2,4-Trichlorobenzene	11.013	180	298703	40.455	ng		99
31) Naphthalene	11.219	128	1028621	40.457	ng		99
32) Benzoic acid	10.402	122	195968	39.681	ng		99
33) 4-Chloroaniline	11.337	127	435277	40.600	ng		98
34) Hexachlorobutadiene	11.448	225	202973	40.303	ng		94
35) Caprolactam	12.130	113	95182	40.661	ng		93
36) 4-Chloro-3-methylphenol	12.400	107	345105	40.496	ng		97
37) 2-Methylnaphthalene	12.800	142	702389	39.998	ng		100
38) 1-Methylnaphthalene	13.017	142	658207	39.934	ng		96
40) 1,2,4,5-Tetrachloroben...	13.140	216	370234	40.182	ng		98
41) Hexachlorocyclopentadiene	13.093	237	181884	40.141	ng		99
43) 2,4,6-Trichlorophenol	13.375	196	242307	40.955	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	288100	41.163	ng		98
46) 1,1'-Biphenyl	13.787	154	909118	39.863	ng		98
47) 2-Chloronaphthalene	13.839	162	687612	39.950	ng		95
48) 2-Nitroaniline	14.051	65	234119	41.214	ng		97
49) Acenaphthylene	14.680	152	1128988	40.265	ng		98
50) Dimethylphthalate	14.398	163	909697	40.427	ng		99
51) 2,6-Dinitrotoluene	14.533	165	173967	41.958	ng		98
52) Acenaphthene	15.015	154	662161	39.520	ng		97
53) 3-Nitroaniline	14.874	138	196883	41.240	ng		95
54) 2,4-Dinitrophenol	15.062	184	68411	36.316	ng		91
55) Dibenzofuran	15.344	168	1071291	39.489	ng		99
56) 4-Nitrophenol	15.132	139	146226	41.047	ng		97
57) 2,4-Dinitrotoluene	15.308	165	222286	42.616	ng		95
58) Fluorene	15.990	166	872418	40.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.549	232	237953m	40.768	ng		
60) Diethylphthalate	15.737	149	923712	39.896	ng		100
61) 4-Chlorophenyl-phenyle...	15.972	204	432422	39.331	ng		98
62) 4-Nitroaniline	16.031	138	209215	42.796	ng		98
63) Azobenzene	16.272	77	952744	39.763	ng		98
65) 4,6-Dinitro-2-methylph...	16.055	198	102191	37.572	ng		90
66) n-Nitrosodiphenylamine	16.196	169	798155	41.061	ng		98
67) 4-Bromophenyl-phenylether	16.871	248	276006	41.208	ng		97
68) Hexachlorobenzene	16.959	284	314735	40.871	ng		98
69) Atrazine	17.130	200	263816	40.577	ng		98
70) Pentachlorophenol	17.312	266	210728	42.220	ng		99
71) Phenanthrene	17.741	178	1352453	40.423	ng		99
72) Anthracene	17.829	178	1393774	41.200	ng		98
73) Carbazole	18.105	167	1213682	41.261	ng		99
74) Di-n-butylphthalate	18.616	149	1527911	42.624	ng		99
75) Fluoranthene	19.733	202	1551654	41.926	ng		98
77) Benzidine	19.921	184	617281	44.207	ng		99
78) Pyrene	20.097	202	1601917	40.210	ng		99
80) Butylbenzylphthalate	20.955	149	645864	42.883	ng		97
81) Benzo(a)anthracene	21.995	228	1585523	40.338	ng		99
82) 3,3'-Dichlorobenzidine	21.907	252	554248	41.835	ng		96
83) Chrysene	22.065	228	1544267	40.462	ng		98
84) Bis(2-ethylhexyl)phtha...	21.836	149	953004	42.838	ng		99
85) Di-n-octyl phthalate	23.170	149	1585902	43.290	ng		99
87) Indeno(1,2,3-cd)pyrene	29.686	276	1842954	41.402	ng	#	94
88) Benzo(b)fluoranthene	24.421	252	1463350	40.760	ng		99
89) Benzo(k)fluoranthene	24.503	252	1565949	41.518	ng		99
90) Benzo(a)pyrene	25.402	252	1451253	41.231	ng		99
91) Dibenzo(a,h)anthracene	29.785	278	1560020	41.283	ng		99
92) Benzo(g,h,i)perylene	30.996	276	1495412	40.873	ng		98

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

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