Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059713.D
Acq On : 16 Nov 2023 11:27
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 16 16:43:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 16:29:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.341	152	23927	20.000	ng		0.00
21) Naphthalene-d8	11.185	136	116738	20.000	ng	#	0.00
39) Acenaphthene-d10	14.968	164	90013	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	208678	20.000	ng	#	0.00
76) Chrysene-d12	22.043	240	196818	20.000	ng	#	0.00
86) Perylene-d12	25.627	264	346185	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	16228	11.416	ng		0.00
7) Phenol-d6	7.454	99	20897	9.920	ng		0.00
23) Nitrobenzene-d5	9.540	82	24061	7.872	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	8594	8.415	ng		0.00
45) 2-Fluorobiphenyl	13.588	172	63250	9.458	ng		0.00
79) Terphenyl-d14	20.292	244	122143	9.161	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.670	88	3270m	4.903	ng		
3) Pyridine	4.099	79	8239	4.440	ng	#	89
4) n-Nitrosodimethylamine	4.022	42	4600	4.741	ng	#	46
6) Aniline	7.665	93	13748	4.945	ng	#	84
8) 2-Chlorophenol	7.889	128	8816	5.717	ng		76
9) Benzaldehyde	7.483	77	8838	6.206	ng	#	75
10) Phenol	7.477	94	9502	4.376	ng		77
11) bis(2-Chloroethyl)ether	7.753	93	6646	4.917	ng		89
12) 1,3-Dichlorobenzene	8.218	146	9296m	5.434	ng		
13) 1,4-Dichlorobenzene	8.382	146	9029	5.242	ng		94
14) 1,2-Dichlorobenzene	8.693	146	9971m	5.834	ng		
15) Benzyl Alcohol	8.576	79	10527	4.382	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.846	45	3061	6.253	ng	#	63
17) 2-Methylphenol	8.758	107	8664	5.418	ng	#	81
18) Hexachloroethane	9.434	117	3802	5.207	ng	#	55
19) n-Nitroso-di-n-propyla...	9.140	70	8484	5.114	ng	#	90
20) 3+4-Methylphenols	9.087	107	10397	4.683	ng	#	87
22) Acetophenone	9.187	105	15480	4.684	ng	#	83
24) Nitrobenzene	9.581	77	11261	4.000	ng	#	79
25) Isophorone	10.086	82	24911	4.855	ng	#	95
26) 2-Nitrophenol	10.297	139	5391	5.223	ng	#	77
27) 2,4-Dimethylphenol	10.315	122	13133	6.258	ng		96
28) bis(2-Chloroethoxy)met...	10.574	93	9113	4.726	ng	#	89
29) 2,4-Dichlorophenol	10.815	162	8138	4.542	ng		93
30) 1,2,4-Trichlorobenzene	11.032	180	8063	4.453	ng	#	78
31) Naphthalene	11.238	128	28548	4.863	ng	#	94
33) 4-Chloroaniline	11.349	127	11559	4.630	ng	#	85
34) Hexachlorobutadiene	11.467	225	6113	4.961	ng		97
35) Caprolactam	12.113	113	3790	5.788	ng	#	71
36) 4-Chloro-3-methylphenol	12.419	107	10360	4.348	ng	#	66
37) 2-Methylnaphthalene	12.818	142	24904	5.037	ng		93
38) 1-Methylnaphthalene	13.035	142	23236	5.096	ng	#	76
40) 1,2,4,5-Tetrachloroben...	13.159	216	11401	4.690	ng		90
41) Hexachlorocyclopentadiene	13.118	237	6127	4.018	ng	#	59
43) 2,4,6-Trichlorophenol	13.400	196	8246	4.878	ng	#	90
44) 2,4,5-Trichlorophenol	13.476	196	9950	5.009	ng	#	79

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.805	154	33753	4.777	ng		98
47) 2-Chloronaphthalene	13.864	162	22844	4.706	ng	#	84
48) 2-Nitroaniline	14.070	65	7379	4.257	ng	#	84
49) Acenaphthylene	14.698	152	40993	4.952	ng	#	90
50) Dimethylphthalate	14.410	163	31444	4.508	ng	#	87
51) 2,6-Dinitrotoluene	14.545	165	6590	4.980	ng		97
52) Acenaphthene	15.027	154	22370	4.494	ng	#	88
53) 3-Nitroaniline	14.886	138	7619	4.919	ng	#	85
54) 2,4-Dinitrophenol	15.080	184	4451	4.526	ng	#	90
55) Dibenzofuran	15.362	168	38445	4.684	ng	#	94
56) 4-Nitrophenol	15.151	139	6290	5.308	ng	#	34
57) 2,4-Dinitrotoluene	15.321	165	8899	4.373	ng	#	89
58) Fluorene	16.008	166	29682	4.353	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.580	232	9182	5.251	ng	#	86
60) Diethylphthalate	15.750	149	32639	4.363	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.997	204	15861	4.519	ng	#	75
62) 4-Nitroaniline	16.050	138	8014	5.162	ng	#	52
63) Azobenzene	16.285	77	34980	4.208	ng		96
65) 4,6-Dinitro-2-methylph...	16.073	198	5185	4.066	ng		84
66) n-Nitrosodiphenylamine	16.214	169	25931	4.254	ng	#	94
67) 4-Bromophenyl-phenylether	16.896	248	10689	4.768	ng	#	80
68) Hexachlorobenzene	16.984	284	9821	4.694	ng	#	83
69) Atrazine	17.142	200	10618	5.433	ng		94
70) Pentachlorophenol	17.342	266	7426	4.652	ng	#	79
71) Phenanthrene	17.765	178	47442	4.472	ng		96
72) Anthracene	17.853	178	51541m	4.675	ng		
73) Carbazole	18.129	167	48587	5.045	ng		95
74) Di-n-butylphthalate	18.629	149	55228	4.744	ng		96
75) Fluoranthene	19.757	202	61723	4.851	ng		94
77) Benzidine	19.939	184	27713	6.210	ng	#	91
78) Pyrene	20.121	202	58292	4.354	ng		95
80) Butylbenzylphthalate	20.979	149	23868	4.347	ng	#	73
81) Benzo(a)anthracene	22.025	228	62956	4.675	ng		94
82) 3,3'-Dichlorobenzidine	21.937	252	24239	4.831	ng	#	86
83) Chrysene	22.095	228	56877	4.607	ng	#	93
84) Bis(2-ethylhexyl)phtha...	21.855	149	33488	4.363	ng	#	88
85) Di-n-octyl phthalate	23.194	149	61489	4.161	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.763	276	116093m	4.432	ng		
88) Benzo(b)fluoranthene	24.457	252	88234m	4.650	ng		
89) Benzo(k)fluoranthene	24.534	252	80250	4.279	ng	#	100
90) Benzo(a)pyrene	25.462	252	94854	4.684	ng	#	94
91) Dibenzo(a,h)anthracene	29.857	278	105262m	4.753	ng		
92) Benzo(g,h,i)perylene	31.102	276	97646m	4.645	ng		

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

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