Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
Data File : BG059081.D
Acq On : 18 Sep 2023 10:23
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 19 01:21:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 01:19:29 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.300	152	30413	20.000	ng		0.00
21) Naphthalene-d8	11.144	136	147141	20.000	ng	#	0.00
39) Acenaphthene-d10	14.928	164	94958	20.000	ng		0.00
64) Phenanthrene-d10	17.677	188	203640	20.000	ng		0.00
76) Chrysene-d12	21.996	240	213270	20.000	ng		0.00
86) Perylene-d12	25.551	264	241801	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	19381	9.956	ng		0.00
7) Phenol-d6	7.413	99	27325	9.444	ng		0.00
23) Nitrobenzene-d5	9.493	82	25625	9.314	ng		0.00
42) 2,4,6-Tribromophenol	16.408	330	9927	9.087	ng		0.00
45) 2-Fluorobiphenyl	13.547	172	61792	9.716	ng		0.00
79) Terphenyl-d14	20.257	244	113704	10.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	4994m	5.324	ng		
3) Pyridine	4.070	79	12684m	4.746	ng		
4) n-Nitrosodimethylamine	3.993	42	6279	4.621	ng	#	93
6) Aniline	7.619	93	18899	5.070	ng		94
8) 2-Chlorophenol	7.848	128	10501	4.759	ng		95
9) Benzaldehyde	7.442	77	9043	5.767	ng		98
10) Phenol	7.436	94	12715	4.493	ng		99
11) bis(2-Chloroethyl)ether	7.713	93	10728	4.777	ng		94
12) 1,3-Dichlorobenzene	8.177	146	11263	5.013	ng	#	94
13) 1,4-Dichlorobenzene	8.335	146	10750	4.778	ng		98
14) 1,2-Dichlorobenzene	8.653	146	10727	4.903	ng		97
15) Benzyl Alcohol	8.535	79	9022	4.357	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.817	45	21156	4.688	ng		95
17) 2-Methylphenol	8.717	107	10468	4.767	ng		93
18) Hexachloroethane	9.387	117	3872	4.900	ng	#	78
19) n-Nitroso-di-n-propyla...	9.099	70	9076	4.897	ng		96
20) 3+4-Methylphenols	9.040	107	13215	4.446	ng		94
22) Acetophenone	9.140	105	17915	4.728	ng	#	92
24) Nitrobenzene	9.534	77	11796	4.460	ng	#	96
25) Isophorone	10.045	82	26278	4.711	ng	#	96
26) 2-Nitrophenol	10.245	139	5200	4.264	ng		91
27) 2,4-Dimethylphenol	10.263	122	11262	4.866	ng		86
28) bis(2-Chloroethoxy)met...	10.527	93	15628	4.937	ng		99
29) 2,4-Dichlorophenol	10.774	162	10035	4.666	ng		90
30) 1,2,4-Trichlorobenzene	10.991	180	9413	4.527	ng		90
31) Naphthalene	11.197	128	35446	4.712	ng		98
33) 4-Chloroaniline	11.308	127	15730	4.663	ng		94
34) Hexachlorobutadiene	11.426	225	6811	5.413	ng		88
35) Caprolactam	12.066	113	3960	4.684	ng	#	89
36) 4-Chloro-3-methylphenol	12.366	107	11607	4.634	ng		90
37) 2-Methylnaphthalene	12.771	142	25889	4.848	ng		93
38) 1-Methylnaphthalene	12.989	142	23748m	4.721	ng		
40) 1,2,4,5-Tetrachloroben...	13.118	216	11743	4.929	ng		95
41) Hexachlorocyclopentadiene	13.071	237	5912	4.545	ng		95
43) 2,4,6-Trichlorophenol	13.359	196	7190	4.126	ng		86
44) 2,4,5-Trichlorophenol	13.424	196	9405	4.547	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.764	154	31805	4.739	ng		94
47)	2-Chloronaphthalene	13.817	162	24528	4.702	ng		97
48)	2-Nitroaniline	14.029	65	7842	4.139	ng		84
49)	Acenaphthylene	14.657	152	39802	4.613	ng		99
50)	Dimethylphthalate	14.370	163	35600	4.862	ng	#	98
51)	2,6-Dinitrotoluene	14.511	165	6512	4.413	ng	#	89
52)	Acenaphthene	14.992	154	22825	4.649	ng		97
53)	3-Nitroaniline	14.845	138	7492	4.314	ng		95
55)	Dibenzofuran	15.327	168	39692	4.661	ng		99
56)	4-Nitrophenol	15.110	139	5580	4.139	ng		94
57)	2,4-Dinitrotoluene	15.286	165	7840	3.940	ng	#	84
58)	Fluorene	15.974	166	33986	4.853	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.527	232	7392	4.312	ng	#	93
60)	Diethylphthalate	15.709	149	36148	4.965	ng		97
61)	4-Chlorophenyl-phenyle...	15.956	204	14292	4.512	ng		97
62)	4-Nitroaniline	16.003	138	7794	4.583	ng		91
63)	Azobenzene	16.250	77	34057	4.753	ng		95
66)	n-Nitrosodiphenylamine	16.173	169	27279	4.514	ng		92
67)	4-Bromophenyl-phenylether	16.855	248	9437	4.781	ng	#	88
68)	Hexachlorobenzene	16.943	284	10093	4.942	ng	#	92
69)	Atrazine	17.102	200	10681	5.488	ng		88
70)	Pentachlorophenol	17.296	266	6763	4.280	ng		88
71)	Phenanthrene	17.719	178	52021	4.817	ng		95
72)	Anthracene	17.807	178	51838	4.671	ng		99
73)	Carbazole	18.089	167	50493	4.798	ng		98
74)	Di-n-butylphthalate	18.594	149	66669	5.169	ng		100
75)	Fluoranthene	19.710	202	62844	4.947	ng		97
77)	Benzidine	19.904	184	25797	5.713	ng		96
78)	Pyrene	20.075	202	67254	4.469	ng		97
80)	Butylbenzylphthalate	20.938	149	28381	4.551	ng		98
81)	Benzo(a)anthracene	21.978	228	67777	4.687	ng		98
82)	3,3'-Dichlorobenzidine	21.884	252	23424	4.495	ng	#	92
83)	Chrysene	22.049	228	65062	4.694	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.814	149	43870	4.626	ng	#	95
85)	Di-n-octyl phthalate	23.142	149	72014	4.477	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.652	276	71207m	4.560	ng		
88)	Benzo(b)fluoranthene	24.399	252	65551	4.686	ng		98
89)	Benzo(k)fluoranthene	24.475	252	66167m	4.604	ng		
90)	Benzo(a)pyrene	25.374	252	63360	4.614	ng		95
91)	Dibenzo(a,h)anthracene	29.734	278	53242	4.215	ng	#	92
92)	Benzo(g,h,i)perylene	30.950	276	60253	4.664	ng		95

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

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