Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
Data File : BG059914.D
Acq On : 30 Nov 2023 17:56
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 03:21:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 03:17:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	24334	20.000	ng		0.00
21) Naphthalene-d8	10.769	136	112642	20.000	ng		0.00
39) Acenaphthene-d10	14.600	164	86328	20.000	ng		0.00
64) Phenanthrene-d10	17.349	188	226346	20.000	ng		0.00
76) Chrysene-d12	21.627	240	221331	20.000	ng		0.00
86) Perylene-d12	24.823	264	248446	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	15777	10.156	ng		0.00
7) Phenol-d6	7.108	99	22504	10.036	ng		0.00
23) Nitrobenzene-d5	9.124	82	16422	8.479	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	13137	9.916	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	67111	10.813	ng		0.00
79) Terphenyl-d14	19.970	244	149565	11.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2723m	5.621	ng		
3) Pyridine	3.842	79	7316	5.861	ng	#	85
4) n-Nitrosodimethylamine	3.753	42	3924m	5.497	ng		
6) Aniline	7.285	93	11984	4.988	ng		94
8) 2-Chlorophenol	7.525	128	8893	5.082	ng		96
9) Benzaldehyde	7.097	77	7869	5.533	ng	#	84
10) Phenol	7.138	94	12193	5.194	ng		84
11) bis(2-Chloroethyl)ether	7.384	93	8806	4.866	ng		91
12) 1,3-Dichlorobenzene	7.860	146	9765m	5.094	ng		
13) 1,4-Dichlorobenzene	8.001	146	10357	5.243	ng		92
14) 1,2-Dichlorobenzene	8.313	146	10205	5.244	ng		93
15) Benzyl Alcohol	8.201	79	8732	5.038	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.495	45	16867	4.891	ng		95
17) 2-Methylphenol	8.389	107	8235	5.067	ng	#	94
18) Hexachloroethane	9.053	117	3537	4.984	ng		86
19) n-Nitroso-di-n-propyla...	8.765	70	7914	4.994	ng	#	91
20) 3+4-Methylphenols	8.724	107	11237	4.908	ng		98
22) Acetophenone	8.783	105	16150	5.179	ng	#	97
24) Nitrobenzene	9.165	77	9397	4.455	ng		91
25) Isophorone	9.688	82	24221	5.185	ng	#	96
26) 2-Nitrophenol	9.876	139	2927	4.279	ng		91
27) 2,4-Dimethylphenol	9.929	122	7023	5.185	ng		97
28) bis(2-Chloroethoxy)met...	10.175	93	13495	5.103	ng		96
29) 2,4-Dichlorophenol	10.410	162	8815	4.768	ng		97
30) 1,2,4-Trichlorobenzene	10.628	180	10898	5.055	ng		93
31) Naphthalene	10.816	128	33025	5.197	ng		97
33) 4-Chloroaniline	10.921	127	12968	5.038	ng		96
34) Hexachlorobutadiene	11.109	225	7690	5.318	ng		89
35) Caprolactam	11.668	113	3426	5.215	ng	#	88
36) 4-Chloro-3-methylphenol	12.032	107	11012	4.996	ng		98
37) 2-Methylnaphthalene	12.426	142	23769	5.284	ng		92
38) 1-Methylnaphthalene	12.649	142	25449	5.592	ng		91
40) 1,2,4,5-Tetrachloroben...	12.796	216	13636	5.069	ng		98
41) Hexachlorocyclopentadiene	12.778	237	4190	4.089	ng		89
43) 2,4,6-Trichlorophenol	13.025	196	8134	4.660	ng		98
44) 2,4,5-Trichlorophenol	13.095	196	9888	4.998	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.436	154	33460	5.167	ng		99
47) 2-Chloronaphthalene	13.477	162	27374	5.113	ng		98
48) 2-Nitroaniline	13.671	65	5519	3.905	ng		94
49) Acenaphthylene	14.323	152	43446	5.283	ng		98
50) Dimethylphthalate	14.053	163	38952	5.624	ng		100
51) 2,6-Dinitrotoluene	14.165	165	4464	5.260	ng		96
52) Acenaphthene	14.664	154	27384	5.360	ng		97
53) 3-Nitroaniline	14.494	138	4644	3.840	ng	#	74
55) Dibenzofuran	14.999	168	43737	5.501	ng		98
56) 4-Nitrophenol	14.782	139	3896	3.962	ng		88
57) 2,4-Dinitrotoluene	14.952	165	5933	5.933	ng	#	89
58) Fluorene	15.651	166	37016	5.742	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.222	232	9268	5.154	ng	#	96
60) Diethylphthalate	15.416	149	39768	5.693	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	19597	5.635	ng		92
62) 4-Nitroaniline	15.651	138	5651	4.366	ng		96
63) Azobenzene	15.933	77	36328	5.533	ng		97
66) n-Nitrosodiphenylamine	15.857	169	30441	4.992	ng		93
67) 4-Bromophenyl-phenylether	16.538	248	13776	5.096	ng		95
68) Hexachlorobenzene	16.650	284	16468	5.121	ng	#	93
69) Atrazine	16.803	200	13114	5.865	ng		96
70) Pentachlorophenol	16.991	266	7363	4.047	ng		96
71) Phenanthrene	17.390	178	60941	5.307	ng		98
72) Anthracene	17.484	178	62025	5.355	ng		96
73) Carbazole	17.749	167	58799	5.475	ng		98
74) Di-n-butylphthalate	18.325	149	71341	5.454	ng		97
75) Fluoranthene	19.406	202	80258	5.491	ng		99
77) Benzidine	19.588	184	14014	3.154	ng		96
78) Pyrene	19.770	202	82819	5.246	ng		97
80) Butylbenzylphthalate	20.669	149	26645	4.766	ng		98
81) Benzo(a)anthracene	21.603	228	81276	5.266	ng		99
82) 3,3'-Dichlorobenzidine	21.521	252	25751	5.121	ng		99
83) Chrysene	21.668	228	75442	5.154	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	40609	4.897	ng	#	95
85) Di-n-octyl phthalate	22.749	149	64383	4.523	ng		95
87) Indeno(1,2,3-cd)pyrene	28.466	276	94349	5.075	ng	#	80
88) Benzo(b)fluoranthene	23.806	252	77436	4.986	ng		95
89) Benzo(k)fluoranthene	23.871	252	81523	5.365	ng		98
90) Benzo(a)pyrene	24.670	252	70787	5.127	ng		99
91) Dibenzo(a,h)anthracene	28.536	278	78567	5.068	ng		97
92) Benzo(g,h,i)perylene	29.594	276	77716	5.020	ng		98

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

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