Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133665.D
Acq On : 09 Jun 2023 09:26
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 09 13:50:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 13:43:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/13/2023
Supervised By :mohammad ahmed
06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.833	152	94452	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	357645	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	175953	20.000	ng		0.00
64) Phenanthrene-d10	11.368	188	332445	20.000	ng		0.00
76) Chrysene-d12	14.009	240	216016	20.000	ng		0.00
86) Perylene-d12	15.480	264	198442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	6.457	99	80324	11.374	ng		-0.01
23) Nitrobenzene-d5	7.392	82	70042	10.667	ng		-0.02
42) 2,4,6-Tribromophenol	10.663	330	23323	10.472	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	148001	11.957	ng		-0.01
79) Terphenyl-d14	12.951	244	149257	10.691	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	13977	5.860	ng		97
3) Pyridine	3.334	79	38480	5.535	ng		99
4) n-Nitrosodimethylamine	3.257	42	20692	5.384	ng	#	91
6) Aniline	6.492	93	49331	5.546	ng		99
8) 2-Chlorophenol	6.616	128	31525	5.514	ng		99
9) Benzaldehyde	6.386	77	25723	5.490	ng		98
10) Phenol	6.469	94	40768m	5.528	ng		
11) bis(2-Chloroethyl)ether	6.569	93	30199	5.516	ng		98
12) 1,3-Dichlorobenzene	6.775	146	34420	5.634	ng		98
13) 1,4-Dichlorobenzene	6.851	146	33881	5.487	ng		99
14) 1,2-Dichlorobenzene	7.004	146	32074	5.749	ng		97
15) Benzyl Alcohol	6.969	79	30843	5.592	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	51914	5.594	ng		99
17) 2-Methylphenol	7.080	107	28830	5.689	ng		98
18) Hexachloroethane	7.345	117	11553	5.466	ng		91
19) n-Nitroso-di-n-propyla...	7.239	70	24453	5.442	ng		98
20) 3+4-Methylphenols	7.233	107	36875	5.729	ng		95
22) Acetophenone	7.239	105	48226	5.879	ng	#	99
24) Nitrobenzene	7.416	77	35608	5.385	ng		99
25) Isophorone	7.651	82	65229	5.411	ng		100
26) 2-Nitrophenol	7.733	139	14711	4.958	ng		97
27) 2,4-Dimethylphenol	7.769	122	28338	5.541	ng		96
28) bis(2-Chloroethoxy)met...	7.863	93	36949	5.303	ng		98
29) 2,4-Dichlorophenol	7.975	162	25560	5.099	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	28140	5.381	ng		95
31) Naphthalene	8.139	128	96915	5.562	ng		98
33) 4-Chloroaniline	8.186	127	40805	5.477	ng		95
34) Hexachlorobutadiene	8.257	225	18753	5.477	ng		98
35) Caprolactam	8.522	113	8433	4.999	ng		90
36) 4-Chloro-3-methylphenol	8.663	107	30692	5.312	ng		91
37) 2-Methylnaphthalene	8.833	142	65588	5.417	ng		94
38) 1-Methylnaphthalene	8.933	142	60095	5.394	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	29234	5.465	ng		99
43) 2,4,6-Trichlorophenol	9.110	196	17405	4.869	ng		96
44) 2,4,5-Trichlorophenol	9.145	196	21416	5.150	ng		96
46) 1,1'-Biphenyl	9.298	154	80901	5.701	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.322	162	57323	5.631	ng		98
48) 2-Nitroaniline	9.416	65	18923	5.083	ng		94
49) Acenaphthylene	9.739	152	98443	5.556	ng		98
50) Dimethylphthalate	9.592	163	71406	5.437	ng		99
51) 2,6-Dinitrotoluene	9.657	165	13238	4.883	ng		88
52) Acenaphthene	9.910	154	57375m	5.533	ng		
53) 3-Nitroaniline	9.821	138	16192	4.908	ng		82
55) Dibenzofuran	10.080	168	88744	5.608	ng		97
56) 4-Nitrophenol	9.980	139	10210	4.586	ng		96
57) 2,4-Dinitrotoluene	10.057	165	16819	4.878	ng		97
58) Fluorene	10.421	166	68029	5.622	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.198	232	16108	5.174	ng		99
60) Diethylphthalate	10.292	149	74660	5.586	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	34381	5.755	ng		98
62) 4-Nitroaniline	10.427	138	16429	5.079	ng		92
63) Azobenzene	10.574	77	67635	5.345	ng		100
66) n-Nitrosodiphenylamine	10.533	169	60324	5.402	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	20194	5.442	ng		90
68) Hexachlorobenzene	10.974	284	20380	5.223	ng		96
69) Atrazine	11.057	200	17197	5.308	ng		99
70) Pentachlorophenol	11.168	266	9507	4.069	ng		97
71) Phenanthrene	11.386	178	94956	5.630	ng		99
72) Anthracene	11.439	178	97247	5.530	ng		97
73) Carbazole	11.598	167	87087	5.521	ng		97
74) Di-n-butylphthalate	11.927	149	111161	5.294	ng		98
75) Fluoranthene	12.580	202	97905	5.466	ng		99
77) Benzidine	12.704	184	42243	5.828	ng		99
78) Pyrene	12.810	202	99163	4.928	ng		99
80) Butylbenzylphthalate	13.433	149	41524	4.888	ng		92
81) Benzo(a)anthracene	13.998	228	80843	5.410	ng		97
82) 3,3'-Dichlorobenzidine	13.962	252	26703	5.375	ng		98
83) Chrysene	14.039	228	75624	5.351	ng		96
84) Bis(2-ethylhexyl)phtha...	13.992	149	54743	5.234	ng		98
85) Di-n-octyl phthalate	14.604	149	90907	6.116	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	71919	5.268	ng		96
88) Benzo(b)fluoranthene	15.045	252	67218m	5.576	ng		
89) Benzo(k)fluoranthene	15.074	252	62975	5.363	ng		99
90) Benzo(a)pyrene	15.409	252	58280	5.209	ng		96
91) Dibenzo(a,h)anthracene	16.956	278	60072	5.315	ng	#	96
92) Benzo(g,h,i)perylene	17.380	276	59032	5.268	ng		94

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

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