Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139892.D
Acq On : 21 Oct 2024 09:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 17:36:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	170135	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	645389	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	355580	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	607097	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292847	20.000	ng	0.00
86) Perylene-d12	15.533	264	323975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	852833	78.473	ng	0.00
7) Phenol-d6	6.510	99	1101025	78.222	ng	0.00
23) Nitrobenzene-d5	7.451	82	956226	82.117	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	276916	83.258	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1681335	78.147	ng	0.00
79) Terphenyl-d14	12.998	244	1526835	84.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	198660	39.206	ng	97
3) Pyridine	3.434	79	486923	38.768	ng	99
4) n-Nitrosodimethylamine	3.381	42	259266	38.421	ng	98
6) Aniline	6.557	93	525691	40.073	ng	98
8) 2-Chlorophenol	6.675	128	442965	39.870	ng	99
9) Benzaldehyde	6.439	77	277125	34.998	ng	99
10) Phenol	6.522	94	578952m	39.897	ng	
11) bis(2-Chloroethyl)ether	6.628	93	441519	39.365	ng	99
12) 1,3-Dichlorobenzene	6.834	146	511517	40.108	ng	99
13) 1,4-Dichlorobenzene	6.910	146	508709	39.925	ng	99
14) 1,2-Dichlorobenzene	7.063	146	474456	39.898	ng	99
15) Benzyl Alcohol	7.028	79	413380	40.037	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	748982	39.162	ng	99
17) 2-Methylphenol	7.133	107	374026	39.480	ng	99
18) Hexachloroethane	7.404	117	183296	40.341	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	328439	38.473	ng	98
20) 3+4-Methylphenols	7.286	107	475818	39.267	ng	99
22) Acetophenone	7.298	105	621128	39.293	ng	99
24) Nitrobenzene	7.475	77	509579	39.913	ng	99
25) Isophorone	7.710	82	873343	39.515	ng	100
26) 2-Nitrophenol	7.786	139	202148	41.970	ng	99
27) 2,4-Dimethylphenol	7.816	122	313417	39.025	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	539718	40.306	ng	100
29) 2,4-Dichlorophenol	8.022	162	369566	40.400	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	408787	40.386	ng	100
31) Naphthalene	8.198	128	1323858	39.773	ng	100
32) Benzoic acid	7.922	122	286875	40.954	ng	96
33) 4-Chloroaniline	8.239	127	457382	40.298	ng	99
34) Hexachlorobutadiene	8.316	225	261109	41.056	ng	100
35) Caprolactam	8.610	113	110005	37.820	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	401252	39.613	ng	99
37) 2-Methylnaphthalene	8.886	142	808847	39.678	ng	100
38) 1-Methylnaphthalene	8.986	142	792930	39.646	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	392227	40.887	ng	100
41) Hexachlorocyclopentadiene	9.039	237	148729	44.558	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	268594	39.547	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	295085	42.112	ng		99
46) 1,1'-Biphenyl	9.351	154	995589	40.220	ng		100
47) 2-Chloronaphthalene	9.375	162	799914	40.122	ng		100
48) 2-Nitroaniline	9.469	65	251607	41.264	ng		94
49) Acenaphthylene	9.792	152	1148104	39.833	ng		99
50) Dimethylphthalate	9.651	163	879827	39.724	ng		100
51) 2,6-Dinitrotoluene	9.710	165	195500	40.767	ng		99
52) Acenaphthene	9.963	154	746612	40.043	ng		99
53) 3-Nitroaniline	9.874	138	200727	40.589	ng		100
54) 2,4-Dinitrophenol	9.980	184	74172	40.717	ng	#	8
55) Dibenzofuran	10.133	168	1071125	40.040	ng		99
56) 4-Nitrophenol	10.022	139	155361	40.833	ng		99
57) 2,4-Dinitrotoluene	10.110	165	244072	41.387	ng		99
58) Fluorene	10.480	166	794988	39.017	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	222700	40.541	ng		98
60) Diethylphthalate	10.351	149	857886	39.449	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	409196	39.768	ng		99
62) 4-Nitroaniline	10.486	138	191601	41.022	ng		96
63) Azobenzene	10.627	77	899920	39.034	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	110117	44.468	ng		96
66) n-Nitrosodiphenylamine	10.586	169	730047	40.178	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	260610	41.669	ng		95
68) Hexachlorobenzene	11.027	284	291695	41.470	ng		95
69) Atrazine	11.110	200	197008	40.026	ng		99
70) Pentachlorophenol	11.216	266	188257	44.099	ng		98
71) Phenanthrene	11.439	178	1130558	39.424	ng		99
72) Anthracene	11.492	178	1117198	39.929	ng		100
73) Carbazole	11.645	167	1004203	38.591	ng		99
74) Di-n-butylphthalate	11.974	149	1148788	38.212	ng		99
75) Fluoranthene	12.627	202	1100841	37.973	ng		99
77) Benzidine	12.745	184	191523	39.773	ng		98
78) Pyrene	12.857	202	1119226	43.662	ng		100
80) Butylbenzylphthalate	13.474	149	314526	40.927	ng		99
81) Benzo(a)anthracene	14.045	228	776819	40.749	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	228522	41.114	ng		99
83) Chrysene	14.080	228	708340	40.526	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	390286	45.265	ng		99
85) Di-n-octyl phthalate	14.651	149	738371	47.081	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	968452	46.466	ng		99
88) Benzo(b)fluoranthene	15.098	252	799312	40.502	ng		100
89) Benzo(k)fluoranthene	15.127	252	607856	35.714	ng		100
90) Benzo(a)pyrene	15.468	252	653872	40.266	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	809776	46.574	ng		99
92) Benzo(g,h,i)perylene	17.486	276	828102	47.682	ng		99

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

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