Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137526.D
Acq On : 07 Mar 2024 13:11
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 13:31:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	251912	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	990893	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	554446	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	970609	20.000	ng		0.00
76) Chrysene-d12	14.057	240	497116	20.000	ng		0.00
86) Perylene-d12	15.586	264	488363	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1338997	80.503	ng		0.00
7) Phenol-d6	6.510	99	1871379	77.945	ng		0.00
23) Nitrobenzene-d5	7.428	82	1688994	79.199	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	423563	86.992	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2580788	72.863	ng		0.00
79) Terphenyl-d14	12.998	244	2939712	81.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	356933	39.247	ng		100
3) Pyridine	3.475	79	912024	41.580	ng		99
4) n-Nitrosodimethylamine	3.469	42	353085	40.394	ng		98
6) Aniline	6.539	93	1203656	41.029	ng		98
8) 2-Chlorophenol	6.657	128	695963	39.671	ng		99
9) Benzaldehyde	6.422	77	501936	42.673	ng		99
10) Phenol	6.522	94	1019578	39.455	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	746598	39.426	ng		100
12) 1,3-Dichlorobenzene	6.804	146	746893	39.842	ng		99
13) 1,4-Dichlorobenzene	6.881	146	747818	38.988	ng		98
14) 1,2-Dichlorobenzene	7.033	146	666576	37.863	ng		99
15) Benzyl Alcohol	7.010	79	628095	42.021	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1243221	38.193	ng		98
17) 2-Methylphenol	7.122	107	663782	40.435	ng		99
18) Hexachloroethane	7.369	117	258668	40.957	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	570892	38.506	ng		97
20) 3+4-Methylphenols	7.275	107	731135	38.888	ng		99
22) Acetophenone	7.275	105	917218	38.257	ng	#	95
24) Nitrobenzene	7.445	77	868877	40.558	ng		99
25) Isophorone	7.686	82	1611687	39.779	ng		98
26) 2-Nitrophenol	7.757	139	379664	44.639	ng		98
27) 2,4-Dimethylphenol	7.798	122	630966	39.703	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	963988	40.552	ng		99
29) 2,4-Dichlorophenol	7.998	162	600088	41.142	ng		99
30) 1,2,4-Trichlorobenzene	8.080	180	614168	40.013	ng		100
31) Naphthalene	8.163	128	2029528	38.174	ng		100
32) Benzoic acid	7.939	122	343650	38.920	ng		98
33) 4-Chloroaniline	8.216	127	860773	41.290	ng		100
34) Hexachlorobutadiene	8.275	225	361459	39.889	ng		99
35) Caprolactam	8.598	113	212345m	42.935	ng		
36) 4-Chloro-3-methylphenol	8.698	107	657138	40.306	ng		98
37) 2-Methylnaphthalene	8.851	142	1306440	38.547	ng		99
38) 1-Methylnaphthalene	8.951	142	1243235	38.951	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	614656	39.710	ng		99
41) Hexachlorocyclopentadiene	9.004	237	376223	61.665	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	418299	41.499	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	476481	41.035	ng	97
46) 1,1'-Biphenyl	9.322	154	1563861	38.537	ng	99
47) 2-Chloronaphthalene	9.345	162	1207203	39.018	ng	99
48) 2-Nitroaniline	9.445	65	464355	44.157	ng	93
49) Acenaphthylene	9.763	152	1906676	38.508	ng	99
50) Dimethylphthalate	9.627	163	1551149	40.190	ng	99
51) 2,6-Dinitrotoluene	9.692	165	342994	42.488	ng	93
52) Acenaphthene	9.933	154	1129505	38.211	ng	99
53) 3-Nitroaniline	9.863	138	370884	43.435	ng	98
54) 2,4-Dinitrophenol	9.969	184	151136	42.663	ng	97
55) Dibenzofuran	10.104	168	1703521	37.837	ng	99
56) 4-Nitrophenol	10.027	139	241652	42.054	ng	96
57) 2,4-Dinitrotoluene	10.098	165	423418	42.692	ng	95
58) Fluorene	10.451	166	1288884	37.277	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	383013	41.134	ng	93
60) Diethylphthalate	10.327	149	1456507	39.962	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	641066	37.831	ng	94
62) 4-Nitroaniline	10.486	138	327297	44.597	ng	94
63) Azobenzene	10.604	77	1647310	39.251	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	248746	45.982	ng	82
66) n-Nitrosodiphenylamine	10.569	169	1220939	39.064	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	427859	40.472	ng	98
68) Hexachlorobenzene	10.998	284	430316	40.301	ng	97
69) Atrazine	11.104	200	398202	41.910	ng	98
70) Pentachlorophenol	11.198	266	277821	43.041	ng	98
71) Phenanthrene	11.421	178	1977200	37.431	ng	99
72) Anthracene	11.474	178	2068068	38.120	ng	100
73) Carbazole	11.633	167	1797614	38.683	ng	99
74) Di-n-butylphthalate	11.968	149	2248650	40.671	ng	99
75) Fluoranthene	12.615	202	1985724	38.459	ng	99
77) Benzidine	12.745	184	528866	43.472	ng	98
78) Pyrene	12.845	202	1975013	40.490	ng	100
80) Butylbenzylphthalate	13.480	149	657892	52.812	ng	96
81) Benzo(a)anthracene	14.045	228	1355735	38.910	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	430195	46.364	ng	98
83) Chrysene	14.086	228	1379683	39.179	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	766725	48.424	ng	99
85) Di-n-octyl phthalate	14.668	149	1344036	44.506	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	1361502	42.365	ng	99
88) Benzo(b)fluoranthene	15.133	252	1139190	39.434	ng	98
89) Benzo(k)fluoranthene	15.162	252	1169320	37.685	ng	100
90) Benzo(a)pyrene	15.521	252	1140869	40.075	ng	99
91) Dibenzo(a,h)anthracene	17.209	278	1103102	42.313	ng	98
92) Benzo(g,h,i)perylene	17.674	276	1146063	42.805	ng	99

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

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