Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136944.D
Acq On : 04 Jan 2024 17:04
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 17:37:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	79180	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	303255	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	158779	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	309380	20.000	ng		0.00
76) Chrysene-d12	13.968	240	159415	20.000	ng		0.00
86) Perylene-d12	15.451	264	144146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	409481	80.690	ng		0.00
7) Phenol-d6	6.440	99	509660	77.508	ng		0.00
23) Nitrobenzene-d5	7.351	82	476595	80.420	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	146153	78.158	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	951213	80.575	ng		-0.01
79) Terphenyl-d14	12.910	244	963246	84.440	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	83409	39.448	ng		95
3) Pyridine	3.310	79	203224	39.392	ng		94
4) n-Nitrosodimethylamine	3.287	42	104059	37.771	ng		96
6) Aniline	6.457	93	240179	36.533	ng	#	52
8) 2-Chlorophenol	6.581	128	221866	39.951	ng		93
9) Benzaldehyde	6.340	77	140379	37.532	ng		97
10) Phenol	6.451	94	268663	38.274	ng		88
11) bis(2-Chloroethyl)ether	6.528	93	206421	38.668	ng		98
12) 1,3-Dichlorobenzene	6.728	146	243160	40.137	ng		96
13) 1,4-Dichlorobenzene	6.804	146	241678	39.043	ng		97
14) 1,2-Dichlorobenzene	6.957	146	227806	39.550	ng		97
15) Benzyl Alcohol	6.934	79	168070	37.886	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	322334	36.932	ng		84
17) 2-Methylphenol	7.051	107	177468	38.575	ng		94
18) Hexachloroethane	7.287	117	85988	38.250	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	152053	38.146	ng		96
20) 3+4-Methylphenols	7.204	107	226216	39.358	ng	#	68
22) Acetophenone	7.198	105	307567	40.464	ng	#	91
24) Nitrobenzene	7.369	77	241062	40.606	ng		98
25) Isophorone	7.604	82	434902	40.330	ng		98
26) 2-Nitrophenol	7.687	139	120186	42.314	ng		96
27) 2,4-Dimethylphenol	7.728	122	141179	40.828	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	262081	39.983	ng		100
29) 2,4-Dichlorophenol	7.928	162	183072	41.123	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	201342	40.592	ng		97
31) Naphthalene	8.087	128	680280	40.833	ng		99
32) Benzoic acid	7.869	122	131034m	39.164	ng		
33) 4-Chloroaniline	8.139	127	242968	39.499	ng		98
34) Hexachlorobutadiene	8.198	225	121214	40.222	ng		99
35) Caprolactam	8.528	113	68758	46.818	ng		97
36) 4-Chloro-3-methylphenol	8.634	107	201707	40.247	ng		99
37) 2-Methylnaphthalene	8.775	142	435205	40.590	ng		97
38) 1-Methylnaphthalene	8.875	142	423968	40.305	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	204308	41.549	ng		99
41) Hexachlorocyclopentadiene	8.922	237	77630	51.380	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	126231	40.028	ng		98

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44) 2,4,5-Trichlorophenol	9.110	196	137574	39.148	ng		97
46) 1,1'-Biphenyl	9.245	154	542261	40.698	ng		99
47) 2-Chloronaphthalene	9.269	162	413721	40.845	ng		99
48) 2-Nitroaniline	9.375	65	126732	39.955	ng		89
49) Acenaphthylene	9.681	152	614100	39.665	ng		99
50) Dimethylphthalate	9.551	163	459219	39.596	ng		100
51) 2,6-Dinitrotoluene	9.616	165	109335	41.539	ng		94
52) Acenaphthene	9.857	154	386863	40.310	ng		99
53) 3-Nitroaniline	9.786	138	107410	38.523	ng		98
54) 2,4-Dinitrophenol	9.898	184	59585	42.674	ng	#	91
55) Dibenzofuran	10.028	168	566722	38.956	ng		99
56) 4-Nitrophenol	9.969	139	76811	40.809	ng		91
57) 2,4-Dinitrotoluene	10.022	165	135436	39.636	ng		92
58) Fluorene	10.375	166	466878	40.446	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	107226	39.638	ng		95
60) Diethylphthalate	10.245	149	471704	39.200	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	224380	39.991	ng		98
62) 4-Nitroaniline	10.410	138	103658	38.565	ng		92
63) Azobenzene	10.528	77	443293	39.442	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	73328	41.357	ng		95
66) n-Nitrosodiphenylamine	10.486	169	404127	40.211	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	138936	40.437	ng		94
68) Hexachlorobenzene	10.922	284	156545	40.884	ng		99
69) Atrazine	11.022	200	102013	39.686	ng		97
70) Pentachlorophenol	11.122	266	71284	39.941	ng		99
71) Phenanthrene	11.339	178	631474	39.779	ng		100
72) Anthracene	11.392	178	637411	39.648	ng		99
73) Carbazole	11.551	167	594230	39.204	ng		100
74) Di-n-butylphthalate	11.880	149	751576	40.635	ng		99
75) Fluoranthene	12.533	202	658602	38.786	ng		98
77) Benzidine	12.663	184	223371	47.521	ng		100
78) Pyrene	12.763	202	657407	42.009	ng		99
80) Butylbenzylphthalate	13.386	149	260099	45.677	ng		98
81) Benzo(a)anthracene	13.963	228	455679	41.165	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	130113	41.389	ng	#	96
83) Chrysene	13.998	228	429576	39.684	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	347116	48.449	ng		99
85) Di-n-octyl phthalate	14.563	149	477304	43.069	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	408372	39.238	ng		100
88) Benzo(b)fluoranthene	15.015	252	373658	38.811	ng		99
89) Benzo(k)fluoranthene	15.051	252	342664	37.667	ng		98
90) Benzo(a)pyrene	15.392	252	316741	38.975	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	336269	39.383	ng		98
92) Benzo(g,h,i)perylene	17.427	276	340164	38.898	ng		99

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

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