Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137622.D
Acq On : 18 Mar 2024 10:36
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 11:35:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	170822	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	640161	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	351492	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	579741	20.000	ng		0.00
76) Chrysene-d12	13.880	240	348113	20.000	ng		0.00
86) Perylene-d12	15.298	264	314691	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	878269	77.869	ng		0.00
7) Phenol-d6	6.369	99	1186959	72.906	ng		0.00
23) Nitrobenzene-d5	7.298	82	1043572	75.744	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	241769	78.326	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1662509	74.039	ng		0.00
79) Terphenyl-d14	12.827	244	1776811	70.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.375	88	228161	36.997	ng		98
3) Pyridine	3.075	79	571713	38.438	ng		97
4) n-Nitrosodimethylamine	3.046	42	202613	34.769	ng		95
6) Aniline	6.393	93	727676	36.579	ng		99
8) 2-Chlorophenol	6.510	128	449616	37.795	ng		93
9) Benzaldehyde	6.275	77	296665	37.194	ng		99
10) Phenol	6.381	94	646000	36.865	ng		97
11) bis(2-Chloroethyl)ether	6.469	93	462764	36.038	ng		98
12) 1,3-Dichlorobenzene	6.669	146	478756	37.662	ng		95
13) 1,4-Dichlorobenzene	6.745	146	488660	37.571	ng		98
14) 1,2-Dichlorobenzene	6.898	146	447595	37.493	ng		97
15) Benzyl Alcohol	6.875	79	382411	37.730	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	735385	33.316	ng		98
17) 2-Methylphenol	6.987	107	414530	37.239	ng		98
18) Hexachloroethane	7.234	117	163574	38.195	ng		94
19) n-Nitroso-di-n-propyla...	7.145	70	340018	33.821	ng		99
20) 3+4-Methylphenols	7.145	107	472555	37.066	ng		93
22) Acetophenone	7.140	105	592849	38.276	ng	#	98
24) Nitrobenzene	7.316	77	525591	37.976	ng		97
25) Isophorone	7.551	82	947267	36.190	ng		99
26) 2-Nitrophenol	7.628	139	222231	40.444	ng		97
27) 2,4-Dimethylphenol	7.669	122	398308	38.794	ng		100
28) bis(2-Chloroethoxy)met...	7.763	93	580005	37.766	ng		99
29) 2,4-Dichlorophenol	7.869	162	368447	39.101	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	391110	39.442	ng		100
31) Naphthalene	8.034	128	1302835	37.932	ng		99
32) Benzoic acid	7.798	122	177267	32.345	ng		98
33) 4-Chloroaniline	8.087	127	520745	38.665	ng		99
34) Hexachlorobutadiene	8.145	225	230117	39.308	ng		99
35) Caprolactam	8.457	113	125681	39.335	ng		93
36) 4-Chloro-3-methylphenol	8.569	107	394962	37.498	ng		100
37) 2-Methylnaphthalene	8.722	142	826826	37.762	ng		99
38) 1-Methylnaphthalene	8.822	142	772934	37.484	ng		98
40) 1,2,4,5-Tetrachloroben...	8.886	216	387300	39.469	ng		99
41) Hexachlorocyclopentadiene	8.875	237	143504	40.385	ng		97
43) 2,4,6-Trichlorophenol	9.004	196	251245	39.318	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	279914	38.026	ng	95
46) 1,1'-Biphenyl	9.186	154	983582	38.233	ng	99
47) 2-Chloronaphthalene	9.210	162	751566	38.318	ng	99
48) 2-Nitroaniline	9.310	65	258547	38.782	ng	97
49) Acenaphthylene	9.622	152	1181330	37.635	ng	100
50) Dimethylphthalate	9.492	163	911650	37.259	ng	99
51) 2,6-Dinitrotoluene	9.551	165	201171	39.309	ng	98
52) Acenaphthene	9.798	154	695212	37.099	ng	100
53) 3-Nitroaniline	9.722	138	213816	39.499	ng	96
54) 2,4-Dinitrophenol	9.834	184	81884	37.656	ng	91
55) Dibenzofuran	9.969	168	1054839	36.958	ng	98
56) 4-Nitrophenol	9.886	139	137428	38.192	ng	98
57) 2,4-Dinitrotoluene	9.957	165	251568	40.011	ng	100
58) Fluorene	10.310	166	800345	36.513	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	220495	37.353	ng	93
60) Diethylphthalate	10.186	149	881813	38.164	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	396758	36.933	ng	95
62) 4-Nitroaniline	10.333	138	173975m	37.393	ng	
63) Azobenzene	10.463	77	936272	35.190	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	130658	40.437	ng	90
66) n-Nitrosodiphenylamine	10.422	169	720293	38.583	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	252813	40.037	ng	98
68) Hexachlorobenzene	10.851	284	252414	39.578	ng	97
69) Atrazine	10.951	200	229875	40.506	ng	97
70) Pentachlorophenol	11.051	266	139834	36.270	ng	99
71) Phenanthrene	11.269	178	1181562	37.450	ng	99
72) Anthracene	11.322	178	1231163	37.994	ng	99
73) Carbazole	11.480	167	1069648	38.537	ng	98
74) Di-n-butylphthalate	11.810	149	1299404	39.347	ng	100
75) Fluoranthene	12.451	202	1180056	38.264	ng	100
77) Benzidine	12.586	184	223777	26.268	ng	96
78) Pyrene	12.680	202	1189541	34.825	ng	99
80) Butylbenzylphthalate	13.304	149	433477	49.691	ng	99
81) Benzo(a)anthracene	13.869	228	907087	37.177	ng	98
82) 3,3'-Dichlorobenzidine	13.833	252	274236	42.207	ng	100
83) Chrysene	13.904	228	941484	38.179	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	557276	50.261	ng	99
85) Di-n-octyl phthalate	14.474	149	880360	41.992	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	745326	35.991	ng	97
88) Benzo(b)fluoranthene	14.892	252	753121	40.457	ng	98
89) Benzo(k)fluoranthene	14.921	252	716893	35.855	ng	99
90) Benzo(a)pyrene	15.245	252	697795	38.039	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	592685	35.281	ng	98
92) Benzo(g,h,i)perylene	17.109	276	624366	36.190	ng	98

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

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