Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137746.D
Acq On : 29 Apr 2024 10:05
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 19:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	265491	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1019227	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	558471	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	921175	20.000	ng	0.00
76) Chrysene-d12	14.257	240	560052	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	497292	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1303736	74.595	ng	0.00
7) Phenol-d6	6.675	99	1633391	73.594	ng	0.00
23) Nitrobenzene-d5	7.628	82	1455646	75.813	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	447971	79.492	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2748959	73.549	ng	0.00
79) Terphenyl-d14	13.192	244	2840680	81.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	295233	37.724	ng	96
3) Pyridine	3.745	79	780243	37.425	ng	98
4) n-Nitrosodimethylamine	3.716	42	336597	34.595	ng	91
6) Aniline	6.728	93	997963	36.126	ng	99
8) 2-Chlorophenol	6.851	128	696348	38.168	ng	98
9) Benzaldehyde	6.616	77	427876	34.352	ng	96
10) Phenol	6.692	94	820363	36.999	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	651828	36.042	ng	97
12) 1,3-Dichlorobenzene	7.004	146	726393	37.966	ng	99
13) 1,4-Dichlorobenzene	7.081	146	736427	38.231	ng	99
14) 1,2-Dichlorobenzene	7.234	146	687069	38.319	ng	97
15) Benzyl Alcohol	7.198	79	604324	36.398	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.333	45	954054	34.302	ng	98
17) 2-Methylphenol	7.298	107	601318	37.097	ng	99
18) Hexachloroethane	7.581	117	255943	37.543	ng	95
19) n-Nitroso-di-n-propyla...	7.469	70	489986	34.141	ng	99
20) 3+4-Methylphenols	7.451	107	774836	37.010	ng	99
22) Acetophenone	7.469	105	933602	37.450	ng	99
24) Nitrobenzene	7.645	77	733984	37.837	ng	95
25) Isophorone	7.881	82	1275748	35.776	ng	99
26) 2-Nitrophenol	7.957	139	362118	42.538	ng	96
27) 2,4-Dimethylphenol	7.986	122	643834	37.488	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	794410	36.473	ng	99
29) 2,4-Dichlorophenol	8.198	162	591126	39.273	ng	98
30) 1,2,4-Trichlorobenzene	8.286	180	598327	39.000	ng	98
31) Naphthalene	8.369	128	1995387	38.365	ng	100
32) Benzoic acid	8.086	122	440050m	40.466	ng	
33) 4-Chloroaniline	8.410	127	838197	38.074	ng	100
34) Hexachlorobutadiene	8.480	225	364806	39.664	ng	99
35) Caprolactam	8.786	113	180526	37.096	ng	# 85
36) 4-Chloro-3-methylphenol	8.880	107	601215	37.660	ng	98
37) 2-Methylnaphthalene	9.063	142	1351887	37.870	ng	99
38) 1-Methylnaphthalene	9.163	142	1251805	37.506	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	602559	39.355	ng	99
41) Hexachlorocyclopentadiene	9.210	237	345145	40.233	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	412836	38.436	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	474619	38.557	ng		98
46)	1,1'-Biphenyl	9.527	154	1562851	38.468	ng		96
47)	2-Chloronaphthalene	9.551	162	1199510	38.301	ng		99
48)	2-Nitroaniline	9.645	65	370790	38.853	ng		91
49)	Acenaphthylene	9.975	152	1851006	37.900	ng		99
50)	Dimethylphthalate	9.822	163	1425994	36.648	ng		100
51)	2,6-Dinitrotoluene	9.886	165	324028	39.524	ng	#	84
52)	Acenaphthene	10.145	154	1197602	37.870	ng		99
53)	3-Nitroaniline	10.057	138	355992	38.640	ng		99
54)	2,4-Dinitrophenol	10.157	184	159798	39.713	ng	#	51
55)	Dibenzofuran	10.316	168	1747937	37.706	ng		99
56)	4-Nitrophenol	10.198	139	266667	37.220	ng		94
57)	2,4-Dinitrotoluene	10.286	165	419366	40.576	ng		99
58)	Fluorene	10.663	166	1348851	37.239	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.427	232	362516	38.033	ng		98
60)	Diethylphthalate	10.522	149	1352798	36.147	ng		100
61)	4-Chlorophenyl-phenyle...	10.651	204	683663	38.199	ng		93
62)	4-Nitroaniline	10.674	138	335970	38.286	ng		97
63)	Azobenzene	10.810	77	1353984	35.306	ng		96
65)	4,6-Dinitro-2-methylph...	10.698	198	222532	42.133	ng	#	76
66)	n-Nitrosodiphenylamine	10.769	169	1203985	38.590	ng		99
67)	4-Bromophenyl-phenylether	11.139	248	421242	39.464	ng		98
68)	Hexachlorobenzene	11.210	284	417016	40.102	ng	#	91
69)	Atrazine	11.286	200	314209	36.432	ng		99
70)	Pentachlorophenol	11.398	266	301065	38.488	ng		99
71)	Phenanthrene	11.627	178	1858833	38.120	ng		99
72)	Anthracene	11.680	178	1901160	38.075	ng		99
73)	Carbazole	11.833	167	1696094	37.481	ng		99
74)	Di-n-butylphthalate	12.151	149	1982049	35.930	ng		100
75)	Fluoranthene	12.821	202	1852079	36.135	ng		100
77)	Benzidine	12.939	184	578187	44.201	ng		99
78)	Pyrene	13.051	202	1890120	41.118	ng		99
80)	Butylbenzylphthalate	13.657	149	654482	40.148	ng		95
81)	Benzo(a)anthracene	14.245	228	1489664	38.135	ng		99
82)	3,3'-Dichlorobenzidine	14.198	252	465189	38.490	ng		99
83)	Chrysene	14.280	228	1376193	37.706	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.215	149	902240	36.649	ng		99
85)	Di-n-octyl phthalate	14.845	149	1319625	35.685	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.468	276	1295061	46.967	ng		99
88)	Benzo(b)fluoranthene	15.351	252	1143310	35.928	ng		98
89)	Benzo(k)fluoranthene	15.386	252	1220735	39.025	ng		97
90)	Benzo(a)pyrene	15.756	252	1108482	38.831	ng		98
91)	Dibenzo(a,h)anthracene	17.486	278	1080502	47.221	ng		99
92)	Benzo(g,h,i)perylene	17.968	276	1081062	48.586	ng		97

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

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