Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139493.D
Acq On : 20 Sep 2024 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 11:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	72885	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	269376	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	147488	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	275829	20.000	ng		0.00
76) Chrysene-d12	14.033	240	142849	20.000	ng		0.00
86) Perylene-d12	15.498	264	143390	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	356138	79.712	ng		0.00
7) Phenol-d6	6.510	99	469635	80.084	ng		0.00
23) Nitrobenzene-d5	7.445	82	443726	77.439	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	113159	72.067	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	788412	74.973	ng		0.00
79) Terphenyl-d14	12.980	244	751458	86.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	77276	43.111	ng		96
3) Pyridine	3.393	79	183376	46.400	ng		97
4) n-Nitrosodimethylamine	3.351	42	126525	36.937	ng		86
6) Aniline	6.545	93	180253	40.730	ng		100
8) 2-Chlorophenol	6.663	128	186768	40.610	ng		99
9) Benzaldehyde	6.428	77	118022	34.834	ng		98
10) Phenol	6.522	94	246649	41.296	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	183340	40.387	ng		98
12) 1,3-Dichlorobenzene	6.822	146	206869	39.552	ng		97
13) 1,4-Dichlorobenzene	6.898	146	212381	40.182	ng		98
14) 1,2-Dichlorobenzene	7.051	146	198196	39.684	ng		98
15) Benzyl Alcohol	7.022	79	180951	38.676	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313902	44.868	ng		98
17) 2-Methylphenol	7.134	107	151410	41.437	ng		96
18) Hexachloroethane	7.392	117	77001	38.249	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	139903	40.259	ng		97
20) 3+4-Methylphenols	7.286	107	197449	39.607	ng	#	86
22) Acetophenone	7.286	105	266974	37.910	ng		99
24) Nitrobenzene	7.463	77	230083	39.014	ng		98
25) Isophorone	7.698	82	363041	40.062	ng		99
26) 2-Nitrophenol	7.775	139	98413	42.833	ng		93
27) 2,4-Dimethylphenol	7.810	122	123666m	40.804	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	211054	40.865	ng		98
29) 2,4-Dichlorophenol	8.022	162	154408	40.104	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	172832	38.526	ng		99
31) Naphthalene	8.181	128	557107	39.615	ng		100
32) Benzoic acid	7.922	122	116283	40.999	ng		92
33) 4-Chloroaniline	8.233	127	175773	40.856	ng		98
34) Hexachlorobutadiene	8.298	225	111238	36.497	ng		99
35) Caprolactam	8.598	113	50665	42.778	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	174363	39.626	ng		96
37) 2-Methylnaphthalene	8.875	142	349271	39.129	ng		99
38) 1-Methylnaphthalene	8.975	142	344967	39.364	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	170076	38.909	ng		99
41) Hexachlorocyclopentadiene	9.022	237	54805	35.909	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	112133	39.431	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	122295	40.768	ng	97
46)	1,1'-Biphenyl	9.333	154	443740	39.108	ng	99
47)	2-Chloronaphthalene	9.363	162	339075	39.967	ng	99
48)	2-Nitroaniline	9.457	65	128152	40.612	ng	99
49)	Acenaphthylene	9.775	152	513420	40.203	ng	100
50)	Dimethylphthalate	9.633	163	372714	38.502	ng	100
51)	2,6-Dinitrotoluene	9.698	165	88654	41.341	ng	92
52)	Acenaphthene	9.945	154	353347	39.644	ng	99
53)	3-Nitroaniline	9.869	138	90620	42.283	ng	90
54)	2,4-Dinitrophenol	9.969	184	47492	39.744	ng	94
55)	Dibenzofuran	10.116	168	491292	39.547	ng	95
56)	4-Nitrophenol	10.022	139	69284	39.069	ng	86
57)	2,4-Dinitrotoluene	10.098	165	118130	40.802	ng	97
58)	Fluorene	10.463	166	387412	38.221	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	96110	38.731	ng	97
60)	Diethylphthalate	10.333	149	373742	37.413	ng	98
61)	4-Chlorophenyl-phenyle...	10.451	204	184062	37.365	ng	96
62)	4-Nitroaniline	10.480	138	89045	38.069	ng	89
63)	Azobenzene	10.610	77	385440	39.229	ng	96
65)	4,6-Dinitro-2-methylph...	10.504	198	63766	43.802	ng	97
66)	n-Nitrosodiphenylamine	10.569	169	321571	39.876	ng	100
67)	4-Bromophenyl-phenylether	10.939	248	107050	39.164	ng	99
68)	Hexachlorobenzene	11.004	284	122877	38.303	ng	99
69)	Atrazine	11.092	200	68088	35.465	ng	98
70)	Pentachlorophenol	11.198	266	74552	38.730	ng	99
71)	Phenanthrene	11.421	178	528228	39.694	ng	100
72)	Anthracene	11.474	178	522655	40.170	ng	99
73)	Carbazole	11.627	167	507666	40.767	ng	99
74)	Di-n-butylphthalate	11.957	149	537837	38.771	ng	99
75)	Fluoranthene	12.610	202	571575	40.219	ng	99
77)	Benzidine	12.733	184	71048	34.715	ng	99
78)	Pyrene	12.839	202	577836	47.111	ng	100
80)	Butylbenzylphthalate	13.451	149	175551	42.049	ng	99
81)	Benzo(a)anthracene	14.021	228	373476	39.470	ng	100
82)	3,3'-Dichlorobenzidine	13.986	252	101391	36.590	ng	99
83)	Chrysene	14.057	228	349063	40.098	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	204727	38.547	ng	99
85)	Di-n-octyl phthalate	14.621	149	277411	35.467	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.974	276	367859	43.144	ng	97
88)	Benzo(b)fluoranthene	15.074	252	345714	39.093	ng	99
89)	Benzo(k)fluoranthene	15.104	252	300523	36.857	ng	98
90)	Benzo(a)pyrene	15.439	252	294618	40.170	ng	99
91)	Dibenzo(a,h)anthracene	16.992	278	300931	42.712	ng	98
92)	Benzo(g,h,i)perylene	17.421	276	318653	45.678	ng	97

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

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