Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135170.D
Acq On : 12 Sep 2023 08:53
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 13 01:54:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109683	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	431522	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	220664	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	429741	20.000	ng	0.00
76) Chrysene-d12	13.951	240	231225	20.000	ng	0.00
86) Perylene-d12	15.409	264	204250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	524059	77.711	ng	0.00
7) Phenol-d6	6.404	99	666971	77.781	ng	0.00
23) Nitrobenzene-d5	7.334	82	632602	79.646	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	176072	80.293	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1122017	76.714	ng	0.00
79) Terphenyl-d14	12.892	244	1104515	74.050	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	117685	39.808	ng	98
3) Pyridine	3.210	79	323621	40.673	ng	99
4) n-Nitrosodimethylamine	3.187	42	169828	40.223	ng	100
6) Aniline	6.434	93	443786	39.466	ng	100
8) 2-Chlorophenol	6.551	128	282369	39.224	ng	98
9) Benzaldehyde	6.322	77	186945	38.269	ng	100
10) Phenol	6.422	94	364378	38.752	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	279083	39.568	ng	99
12) 1,3-Dichlorobenzene	6.704	146	290304	39.679	ng	97
13) 1,4-Dichlorobenzene	6.781	146	289224	38.856	ng	99
14) 1,2-Dichlorobenzene	6.934	146	267171	38.650	ng	99
15) Benzyl Alcohol	6.910	79	241717	39.282	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	514773	38.720	ng	99
17) 2-Methylphenol	7.022	107	249784	39.319	ng	100
18) Hexachloroethane	7.275	117	107357	39.034	ng	95
19) n-Nitroso-di-n-propyla...	7.186	70	200057	37.666	ng	99
20) 3+4-Methylphenols	7.181	107	291920	38.214	ng	98
22) Acetophenone	7.181	105	373920	37.901	ng	98
24) Nitrobenzene	7.351	77	312212	39.770	ng	98
25) Isophorone	7.592	82	566471	38.840	ng	99
26) 2-Nitrophenol	7.663	139	153890	40.843	ng	98
27) 2,4-Dimethylphenol	7.704	122	249624	39.415	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	343487	39.348	ng	99
29) 2,4-Dichlorophenol	7.904	162	230034	39.198	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	238087	38.815	ng	97
31) Naphthalene	8.069	128	821411	39.178	ng	100
32) Benzoic acid	7.834	122	193265m	40.525	ng	
33) 4-Chloroaniline	8.122	127	367282	39.927	ng	99
34) Hexachlorobutadiene	8.181	225	146124	39.507	ng	99
35) Caprolactam	8.498	113	79616	40.423	ng	94
36) 4-Chloro-3-methylphenol	8.604	107	258926	39.698	ng	97
37) 2-Methylnaphthalene	8.757	142	547644	38.858	ng	99
38) 1-Methylnaphthalene	8.857	142	506944	38.420	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	253902	39.717	ng	100
41) Hexachlorocyclopentadiene	8.910	237	95721	38.229	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	167823	40.095	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	190236	39.466	ng		99
46) 1,1'-Biphenyl	9.228	154	666695	39.315	ng		100
47) 2-Chloronaphthalene	9.251	162	480598	39.061	ng		99
48) 2-Nitroaniline	9.351	65	191330	40.027	ng		99
49) Acenaphthylene	9.663	152	811902	39.706	ng		99
50) Dimethylphthalate	9.533	163	586675	39.324	ng		99
51) 2,6-Dinitrotoluene	9.598	165	133526	40.855	ng	#	77
52) Acenaphthene	9.839	154	472486	39.114	ng		99
53) 3-Nitroaniline	9.763	138	158138	41.220	ng		99
54) 2,4-Dinitrophenol	9.875	184	64643	38.367	ng		99
55) Dibenzofuran	10.010	168	723029	39.224	ng		100
56) 4-Nitrophenol	9.927	139	103640	42.506	ng		99
57) 2,4-Dinitrotoluene	9.998	165	166815	40.770	ng		94
58) Fluorene	10.351	166	553175	39.036	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	152786	41.205	ng		98
60) Diethylphthalate	10.233	149	590197	39.418	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	262555	38.570	ng		99
62) 4-Nitroaniline	10.380	138	149664	40.584	ng		99
63) Azobenzene	10.510	77	578752	39.495	ng		100
65) 4,6-Dinitro-2-methylph...	10.410	198	92858	40.683	ng		99
66) n-Nitrosodiphenylamine	10.469	169	509728	39.179	ng		100
67) 4-Bromophenyl-phenylether	10.839	248	169397	39.633	ng		99
68) Hexachlorobenzene	10.898	284	173490	39.843	ng	#	90
69) Atrazine	10.998	200	141975	40.556	ng		99
70) Pentachlorophenol	11.098	266	112351	43.126	ng		96
71) Phenanthrene	11.316	178	795528	39.141	ng		99
72) Anthracene	11.369	178	822244	39.357	ng		100
73) Carbazole	11.527	167	757559	39.833	ng		99
74) Di-n-butylphthalate	11.863	149	913327	40.755	ng		99
75) Fluoranthene	12.510	202	826240	39.013	ng		99
77) Benzidine	12.639	184	214282	45.235	ng		99
78) Pyrene	12.739	202	848813	38.557	ng		99
80) Butylbenzylphthalate	13.368	149	316596	40.846	ng		97
81) Benzo(a)anthracene	13.939	228	575293	38.531	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	185227	39.717	ng		99
83) Chrysene	13.974	228	569696	38.377	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	317644	39.936	ng		98
85) Di-n-octyl phthalate	14.551	149	487677	38.582	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	545308	40.719	ng		100
88) Benzo(b)fluoranthene	14.980	252	443105	40.075	ng		97
89) Benzo(k)fluoranthene	15.010	252	432646	39.612	ng		99
90) Benzo(a)pyrene	15.345	252	426082	40.409	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	444113	40.530	ng		97
92) Benzo(g,h,i)perylene	17.333	276	470588	41.122	ng		99

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

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