Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131589.D
Acq On : 12 Dec 2022 12:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 04:13:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	60615	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	196103	20.000	ng		# 0.00
39) Acenaphthene-d10	9.951	164	114272	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	220520	20.000	ng		0.00
76) Chrysene-d12	14.104	240	144087	20.000	ng		# 0.00
86) Perylene-d12	15.615	264	114232	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	286475	78.845	ng		0.00
7) Phenol-d6	6.528	99	371623	78.051	ng		0.00
23) Nitrobenzene-d5	7.469	82	402403	77.579	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	107471	84.650	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	704712	77.758	ng		0.00
79) Terphenyl-d14	13.045	244	819416	77.991	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	64598	39.389	ng		98
3) Pyridine	3.410	79	187415	41.160	ng		96
4) n-Nitrosodimethylamine	3.381	42	90588	36.074	ng	#	90
6) Aniline	6.563	93	222720	39.113	ng		98
8) 2-Chlorophenol	6.681	128	149697	38.878	ng		96
9) Benzaldehyde	6.445	77	111278	34.116	ng		98
10) Phenol	6.545	94	214537m	40.396	ng		
11) bis(2-Chloroethyl)ether	6.634	93	148470	37.294	ng		96
12) 1,3-Dichlorobenzene	6.834	146	170743	38.248	ng		99
13) 1,4-Dichlorobenzene	6.916	146	175205	38.910	ng		97
14) 1,2-Dichlorobenzene	7.069	146	162502	37.779	ng		96
15) Benzyl Alcohol	7.039	79	161899	37.090	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	178202	34.653	ng		98
17) 2-Methylphenol	7.151	107	134374	38.723	ng		98
18) Hexachloroethane	7.410	117	67907	37.385	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	127628	35.748	ng		95
20) 3+4-Methylphenols	7.310	107	183648	38.855	ng	#	78
22) Acetophenone	7.310	105	241289	39.263	ng		95
24) Nitrobenzene	7.487	77	200597	38.344	ng		94
25) Isophorone	7.722	82	316914	37.931	ng		99
26) 2-Nitrophenol	7.798	139	76770	43.032	ng		97
27) 2,4-Dimethylphenol	7.839	122	112578	41.170	ng		96
28) bis(2-Chloroethoxy)met...	7.934	93	168173	38.910	ng		99
29) 2,4-Dichlorophenol	8.045	162	134522	39.787	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	160512	38.711	ng		98
31) Naphthalene	8.210	128	439109	39.756	ng		100
32) Benzoic acid	7.963	122	92663	46.791	ng		97
33) 4-Chloroaniline	8.257	127	168311	40.654	ng		99
34) Hexachlorobutadiene	8.322	225	108891	37.263	ng		98
35) Caprolactam	8.645	113	39118	44.725	ng		91
36) 4-Chloro-3-methylphenol	8.745	107	153666	40.474	ng		99
37) 2-Methylnaphthalene	8.904	142	294877	39.038	ng		100
38) 1-Methylnaphthalene	9.004	142	289452	39.918	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	167455	39.586	ng		98
41) Hexachlorocyclopentadiene	9.051	237	73940	34.437	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	108499	41.468	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	116639	41.452	ng		99
46) 1,1'-Biphenyl	9.369	154	364493	40.343	ng		99
47) 2-Chloronaphthalene	9.398	162	296473	40.275	ng		99
48) 2-Nitroaniline	9.498	65	109158	41.861	ng		89
49) Acenaphthylene	9.816	152	445215	41.192	ng		100
50) Dimethylphthalate	9.675	163	352155	40.426	ng		99
51) 2,6-Dinitrotoluene	9.739	165	76316	42.436	ng		86
52) Acenaphthene	9.986	154	299993m	41.432	ng		
53) 3-Nitroaniline	9.916	138	76239	44.184	ng		96
54) 2,4-Dinitrophenol	10.016	184	39361	40.372	ng		97
55) Dibenzofuran	10.163	168	413899	40.457	ng		97
56) 4-Nitrophenol	10.075	139	58464	48.774	ng	#	82
57) 2,4-Dinitrotoluene	10.145	165	106160	44.500	ng		94
58) Fluorene	10.504	166	340253	40.910	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	97245m	40.812	ng		
60) Diethylphthalate	10.380	149	329388	39.403	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	177180	38.549	ng		96
62) 4-Nitroaniline	10.533	138	80593	47.134	ng		90
63) Azobenzene	10.657	77	361283	37.892	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	60859	43.573	ng		79
66) n-Nitrosodiphenylamine	10.622	169	282675	39.650	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	105578	37.217	ng		95
68) Hexachlorobenzene	11.051	284	117816	38.395	ng	#	90
69) Atrazine	11.145	200	95128	42.019	ng		97
70) Pentachlorophenol	11.251	266	62357	39.474	ng		100
71) Phenanthrene	11.475	178	498593	40.564	ng		99
72) Anthracene	11.527	178	493686	41.283	ng		99
73) Carbazole	11.686	167	432336	44.292	ng		99
74) Di-n-butylphthalate	12.010	149	487354	40.697	ng		100
75) Fluoranthene	12.669	202	573609	45.319	ng		98
77) Benzidine	12.792	184	118774	30.765	ng		99
78) Pyrene	12.898	202	571611	40.232	ng		98
80) Butylbenzylphthalate	13.521	149	189720	46.142	ng		94
81) Benzo(a)anthracene	14.092	228	450655	43.310	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	120091	40.565	ng		96
83) Chrysene	14.133	228	421177	42.576	ng		97
84) Bis(2-ethylhexyl)phtha...	14.080	149	223550	40.421	ng		100
85) Di-n-octyl phthalate	14.698	149	289008	33.283	ng		98
87) Indeno(1,2,3-cd)pyrene	17.156	276	345315	37.041	ng		99
88) Benzo(b)fluoranthene	15.168	252	326680	43.390	ng		100
89) Benzo(k)fluoranthene	15.204	252	304957	38.807	ng		100
90) Benzo(a)pyrene	15.551	252	256850	39.976	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	278356	36.279	ng		99
92) Benzo(g,h,i)perylene	17.627	276	283056	36.707	ng		99

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

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