Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129868.D
Acq On : 18 Aug 2022 10:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 13:35:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	140690	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	533803	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	274773	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	471556	20.000	ng	0.00
76) Chrysene-d12	13.974	240	315370	20.000	ng	0.00
86) Perylene-d12	15.427	264	241403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	681653	80.220	ng	0.00
7) Phenol-d6	6.451	99	836472	78.608	ng	0.00
23) Nitrobenzene-d5	7.369	82	794671	79.693	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	215576	78.171	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1431662	79.135	ng	0.00
79) Terphenyl-d14	12.910	244	1456194	76.831	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.498	88	140469	40.069	ng	98
3) Pyridine	3.269	79	374626	40.835	ng	98
4) n-Nitrosodimethylamine	3.228	42	171864	40.649	ng	98
6) Aniline	6.463	93	475737	39.226	ng	98
8) 2-Chlorophenol	6.586	128	377474	39.904	ng	95
9) Benzaldehyde	6.351	77	235561	41.614	ng	100
10) Phenol	6.463	94	463176	39.682	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	346108	39.048	ng	98
12) 1,3-Dichlorobenzene	6.734	146	407123	39.866	ng	99
13) 1,4-Dichlorobenzene	6.810	146	408896	39.186	ng	99
14) 1,2-Dichlorobenzene	6.963	146	382931	39.513	ng	98
15) Benzyl Alcohol	6.945	79	310701	38.677	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	459298	38.671	ng	98
17) 2-Methylphenol	7.063	107	297754	39.202	ng	99
18) Hexachloroethane	7.298	117	158512	40.453	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	259355	38.560	ng	99
20) 3+4-Methylphenols	7.222	107	399079	39.142	ng	97
22) Acetophenone	7.210	105	516009	39.668	ng	98
24) Nitrobenzene	7.386	77	393566	39.141	ng	97
25) Isophorone	7.622	82	660595	38.490	ng	100
26) 2-Nitrophenol	7.698	139	198390	40.112	ng	98
27) 2,4-Dimethylphenol	7.739	122	276366	38.963	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	385656	38.485	ng	99
29) 2,4-Dichlorophenol	7.951	162	309037	39.845	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	321261	39.264	ng	99
31) Naphthalene	8.098	128	1091427	39.105	ng	99
32) Benzoic acid	7.886	122	122422	40.601	ng	96
33) 4-Chloroaniline	8.157	127	409191	37.282	ng	99
34) Hexachlorobutadiene	8.210	225	195841	39.308	ng	99
35) Caprolactam	8.539	113	91596m	37.977	ng	
36) 4-Chloro-3-methylphenol	8.651	107	326842	39.062	ng	99
37) 2-Methylnaphthalene	8.792	142	704676	38.468	ng	98
38) 1-Methylnaphthalene	8.892	142	683500	38.393	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	302874	39.631	ng	99
41) Hexachlorocyclopentadiene	8.939	237	87748	48.042	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	198423	39.961	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	216662	40.558	ng		98
46) 1,1'-Biphenyl	9.257	154	835641	40.032	ng		99
47) 2-Chloronaphthalene	9.280	162	657971	39.837	ng		97
48) 2-Nitroaniline	9.386	65	212459	40.705	ng		99
49) Acenaphthylene	9.698	152	984995	39.328	ng		99
50) Dimethylphthalate	9.557	163	754454	38.302	ng		99
51) 2,6-Dinitrotoluene	9.627	165	169624	39.698	ng		98
52) Acenaphthene	9.869	154	600428	39.514	ng		99
53) 3-Nitroaniline	9.804	138	187097	39.595	ng		98
54) 2,4-Dinitrophenol	9.922	184	76553	42.388	ng		93
55) Dibenzofuran	10.039	168	892487	39.095	ng		97
56) 4-Nitrophenol	9.992	139	85147	40.504	ng		94
57) 2,4-Dinitrotoluene	10.039	165	217323	39.180	ng		96
58) Fluorene	10.386	166	738008	38.718	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	162890	41.549	ng	#	79
60) Diethylphthalate	10.257	149	743887	37.875	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	327189	38.250	ng		99
62) 4-Nitroaniline	10.422	138	190253m	39.910	ng		
63) Azobenzene	10.533	77	737126	39.264	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	114689	41.429	ng		95
66) n-Nitrosodiphenylamine	10.498	169	623040	39.145	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	213309	38.621	ng		96
68) Hexachlorobenzene	10.933	284	229834	38.415	ng		96
69) Atrazine	11.027	200	191264	39.153	ng		98
70) Pentachlorophenol	11.139	266	77694	45.698	ng		99
71) Phenanthrene	11.351	178	1041049	39.529	ng		99
72) Anthracene	11.404	178	1014556	38.738	ng		99
73) Carbazole	11.563	167	926298	38.962	ng		100
74) Di-n-butylphthalate	11.880	149	1179262	38.541	ng		99
75) Fluoranthene	12.539	202	1060807	39.363	ng		98
77) Benzidine	12.663	184	314899	41.143	ng		100
78) Pyrene	12.768	202	1071025	39.081	ng		99
80) Butylbenzylphthalate	13.380	149	455742	39.300	ng		99
81) Benzo(a)anthracene	13.962	228	840510	38.743	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	257828	38.373	ng		99
83) Chrysene	13.998	228	783867	38.599	ng		100
84) Bis(2-ethylhexyl)phtha...	13.927	149	565904	41.133	ng	#	98
85) Di-n-octyl phthalate	14.539	149	755089	39.758	ng		100
87) Indeno(1,2,3-cd)pyrene	16.903	276	708213	42.734	ng		100
88) Benzo(b)fluoranthene	15.004	252	669456	40.499	ng		99
89) Benzo(k)fluoranthene	15.033	252	572847	36.136	ng		99
90) Benzo(a)pyrene	15.368	252	507294	38.970	ng		98
91) Dibenzo(a,h)anthracene	16.903	278	590537	43.186	ng		99
92) Benzo(g,h,i)perylene	17.345	276	596956	43.758	ng		98

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

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