Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129799.D
Acq On : 16 Aug 2022 00:57
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 03:21:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	175514	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	684500	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	352680	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	573258	20.000	ng	0.00
76) Chrysene-d12	14.004	240	315593	20.000	ng	0.00
86) Perylene-d12	15.468	264	311024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	781698	73.741	ng	0.00
7) Phenol-d6	6.480	99	972837	73.284	ng	0.00
23) Nitrobenzene-d5	7.398	82	933015	72.967	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	254428	71.879	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1707297	73.524	ng	0.00
79) Terphenyl-d14	12.939	244	1483165	78.199	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.545	88	161820	37.001	ng	98
3) Pyridine	3.322	79	439982	38.443	ng	99
4) n-Nitrosodimethylamine	3.287	42	203235	38.532	ng	100
6) Aniline	6.492	93	550674	36.396	ng	97
8) 2-Chlorophenol	6.622	128	433552	36.739	ng	99
9) Benzaldehyde	6.380	77	290472	41.041	ng	99
10) Phenol	6.492	94	533643	36.648	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	411322	37.198	ng	99
12) 1,3-Dichlorobenzene	6.763	146	471061	36.975	ng	100
13) 1,4-Dichlorobenzene	6.839	146	480977	36.949	ng	99
14) 1,2-Dichlorobenzene	6.992	146	447043	36.976	ng	99
15) Benzyl Alcohol	6.975	79	360530	35.975	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	549544	37.089	ng	99
17) 2-Methylphenol	7.092	107	351884	37.136	ng	98
18) Hexachloroethane	7.327	117	184184	37.678	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	308340	36.747	ng	96
20) 3+4-Methylphenols	7.251	107	467086	36.723	ng	99
22) Acetophenone	7.239	105	606979	36.388	ng	99
24) Nitrobenzene	7.416	77	469714	36.430	ng	98
25) Isophorone	7.651	82	803082	36.490	ng	99
26) 2-Nitrophenol	7.727	139	237661	37.473	ng	99
27) 2,4-Dimethylphenol	7.769	122	333604	36.678	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	470192	36.591	ng	98
29) 2,4-Dichlorophenol	7.980	162	370712	37.274	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	386373	36.825	ng	97
31) Naphthalene	8.127	128	1298067	36.269	ng	99
32) Benzoic acid	7.916	122	137476	36.689	ng	94
33) 4-Chloroaniline	8.186	127	483726	34.370	ng	98
34) Hexachlorobutadiene	8.239	225	240442	37.636	ng	99
35) Caprolactam	8.569	113	111632m	36.094	ng	
36) 4-Chloro-3-methylphenol	8.680	107	388401	36.200	ng	100
37) 2-Methylnaphthalene	8.822	142	850409	36.203	ng	99
38) 1-Methylnaphthalene	8.922	142	809476	35.458	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	365505	37.262	ng	100
41) Hexachlorocyclopentadiene	8.963	237	77505	37.833	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	240471	37.731	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	261533	38.142	ng		99
46) 1,1'-Biphenyl	9.286	154	991886	37.020	ng		99
47) 2-Chloronaphthalene	9.310	162	780750	36.829	ng		98
48) 2-Nitroaniline	9.416	65	252728	37.724	ng		99
49) Acenaphthylene	9.727	152	1179227	36.682	ng		100
50) Dimethylphthalate	9.586	163	923817	36.540	ng		100
51) 2,6-Dinitrotoluene	9.657	165	201866	36.807	ng		100
52) Acenaphthene	9.898	154	710289	36.418	ng		99
53) 3-Nitroaniline	9.833	138	217907	35.928	ng		99
54) 2,4-Dinitrophenol	9.945	184	72416	32.679	ng		95
55) Dibenzofuran	10.069	168	1065145	36.352	ng		97
56) 4-Nitrophenol	10.016	139	96042	35.594	ng		93
57) 2,4-Dinitrotoluene	10.063	165	257431	36.159	ng		98
58) Fluorene	10.416	166	883571	36.115	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	184983	36.761	ng	#	76
60) Diethylphthalate	10.280	149	910491	36.117	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	396994	36.159	ng		98
62) 4-Nitroaniline	10.451	138	213444m	34.884	ng		
63) Azobenzene	10.563	77	875216	36.322	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	129707	38.542	ng		93
66) n-Nitrosodiphenylamine	10.527	169	743413	38.422	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	254496	37.903	ng		97
68) Hexachlorobenzene	10.963	284	272984	37.533	ng		96
69) Atrazine	11.051	200	221128	37.236	ng		98
70) Pentachlorophenol	11.168	266	61061m	31.375	ng		
71) Phenanthrene	11.380	178	1182208	36.925	ng		100
72) Anthracene	11.433	178	1156461	36.323	ng		100
73) Carbazole	11.592	167	1029488	35.620	ng		100
74) Di-n-butylphthalate	11.904	149	1376966	37.018	ng		100
75) Fluoranthene	12.568	202	1081711	33.017	ng		98
77) Benzidine	12.692	184	338219	44.604	ng		99
78) Pyrene	12.798	202	1060616	38.674	ng		100
80) Butylbenzylphthalate	13.404	149	458956	39.549	ng		92
81) Benzo(a)anthracene	13.992	228	793112	36.532	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	257616	38.315	ng		99
83) Chrysene	14.027	228	738932	36.361	ng		100
84) Bis(2-ethylhexyl)phtha...	13.956	149	551836	40.082	ng	#	97
85) Di-n-octyl phthalate	14.574	149	861814	45.345	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	918453	43.014	ng		100
88) Benzo(b)fluoranthene	15.039	252	727954	34.180	ng		99
89) Benzo(k)fluoranthene	15.068	252	658397	32.236	ng		99
90) Benzo(a)pyrene	15.409	252	604151	36.022	ng		100
91) Dibenzo(a,h)anthracene	16.962	278	764653	43.402	ng		99
92) Benzo(g,h,i)perylene	17.403	276	768179	43.704	ng		97

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

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