Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
Data File : BF131313.D
Acq On : 21 Nov 2022 13:25
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 00:41:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:36:43 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	126055	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	446450	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	251437	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	436172	20.000	ng	0.00
76) Chrysene-d12	14.180	240	263427	20.000	ng	0.00
86) Perylene-d12	15.721	264	218774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	496143	72.040	ng	0.00
7) Phenol-d6	6.587	99	628634	72.002	ng	0.00
23) Nitrobenzene-d5	7.540	82	665834	79.667	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	168117	75.110	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1243114	70.614	ng	0.00
79) Terphenyl-d14	13.116	244	1225777	69.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	117253	36.824	ng	100
3) Pyridine	3.546	79	328980	37.080	ng	100
4) n-Nitrosodimethylamine	3.516	42	193149	35.087	ng	100
6) Aniline	6.634	93	412942m	37.791	ng	
8) 2-Chlorophenol	6.751	128	283397	37.175	ng	100
9) Benzaldehyde	6.516	77	198039	31.245	ng	100
10) Phenol	6.598	94	348703	36.085	ng	100
11) bis(2-Chloroethyl)ether	6.704	93	290195	37.310	ng	100
12) 1,3-Dichlorobenzene	6.910	146	323988	35.724	ng	100
13) 1,4-Dichlorobenzene	6.987	146	333040	36.116	ng	100
14) 1,2-Dichlorobenzene	7.140	146	299720	34.919	ng	100
15) Benzyl Alcohol	7.110	79	273341	36.757	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.240	45	560936	38.089	ng	100
17) 2-Methylphenol	7.210	107	241526	36.239	ng	100
18) Hexachloroethane	7.487	117	123123	37.551	ng	100
19) n-Nitroso-di-n-propyla...	7.387	70	227476	36.225	ng	100
20) 3+4-Methylphenols	7.369	107	308626	36.258	ng	100
22) Acetophenone	7.381	105	416987	35.347	ng	100
24) Nitrobenzene	7.557	77	345453	40.836	ng	100
25) Isophorone	7.792	82	592324	37.120	ng	100
26) 2-Nitrophenol	7.869	139	111099	41.465	ng	100
27) 2,4-Dimethylphenol	7.898	122	235443	37.530	ng	100
28) bis(2-Chloroethoxy)met...	8.004	93	333938	37.468	ng	100
29) 2,4-Dichlorophenol	8.110	162	259505	38.626	ng	100
30) 1,2,4-Trichlorobenzene	8.198	180	305268	36.597	ng	100
31) Naphthalene	8.281	128	868097	35.858	ng	100
32) Benzoic acid	8.022	122	123182	32.823	ng	100
33) 4-Chloroaniline	8.328	127	343305	36.507	ng	100
34) Hexachlorobutadiene	8.392	225	197621	35.852	ng	100
35) Caprolactam	8.704	113	69748	37.287	ng	100
36) 4-Chloro-3-methylphenol	8.804	107	265996	36.734	ng	100
37) 2-Methylnaphthalene	8.975	142	587090	35.983	ng	100
38) 1-Methylnaphthalene	9.075	142	572269	36.197	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	301179	36.609	ng	100
41) Hexachlorocyclopentadiene	9.128	237	143868	40.424	ng	100
43) 2,4,6-Trichlorophenol	9.251	196	181341	37.073	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	204653	38.401	ng	100
46) 1,1'-Biphenyl	9.445	154	702900	36.203	ng	100
47) 2-Chloronaphthalene	9.469	162	565932	36.304	ng	100
48) 2-Nitroaniline	9.563	65	185259	42.993	ng	100
49) Acenaphthylene	9.886	152	866687	36.396	ng	100
50) Dimethylphthalate	9.745	163	651579	35.787	ng	100
51) 2,6-Dinitrotoluene	9.804	165	136319	45.582	ng	100
52) Acenaphthene	10.063	154	536342	36.099	ng	100
53) 3-Nitroaniline	9.981	138	138157	43.650	ng	100
54) 2,4-Dinitrophenol	10.075	184	43203	41.010	ng	100
55) Dibenzofuran	10.233	168	767134	35.604	ng	100
56) 4-Nitrophenol	10.122	139	99532	41.790	ng	100
57) 2,4-Dinitrotoluene	10.210	165	171660	47.469	ng	100
58) Fluorene	10.575	166	588278	34.382	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.345	232	170019	37.663	ng	100
60) Diethylphthalate	10.445	149	622316	35.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	307041	35.398	ng	100
62) 4-Nitroaniline	10.598	138	134130	41.712	ng	100
63) Azobenzene	10.728	77	653049	36.199	ng	100
65) 4,6-Dinitro-2-methylph...	10.616	198	64644	42.751	ng	100
66) n-Nitrosodiphenylamine	10.686	169	516970	36.780	ng	100
67) 4-Bromophenyl-phenylether	11.063	248	198341	37.897	ng	100
68) Hexachlorobenzene	11.122	284	210329	37.040	ng	100
69) Atrazine	11.216	200	167110	37.268	ng	100
70) Pentachlorophenol	11.316	266	112806	37.185	ng	100
71) Phenanthrene	11.545	178	856534	35.513	ng	100
72) Anthracene	11.598	178	841939	35.697	ng	100
73) Carbazole	11.751	167	726153	36.624	ng	100
74) Di-n-butylphthalate	12.080	149	912502	38.116	ng	100
75) Fluoranthene	12.739	202	909951	36.356	ng	100
77) Benzidine	12.863	184	191727	32.178	ng	100
78) Pyrene	12.974	202	902326	35.602	ng	100
80) Butylbenzylphthalate	13.592	149	280143	36.540	ng	100
81) Benzo(a)anthracene	14.168	228	667670	35.951	ng	100
82) 3,3'-Dichlorobenzidine	14.127	252	185919	37.708	ng	100
83) Chrysene	14.204	228	650008	36.595	ng	100
84) Bis(2-ethylhexyl)phtha...	14.151	149	376922	42.234	ng	100
85) Di-n-octyl phthalate	14.786	149	530723	41.895	ng	100
87) Indeno(1,2,3-cd)pyrene	17.304	276	586386	35.342	ng	100
88) Benzo(b)fluoranthene	15.263	252	536118	36.411	ng	100
89) Benzo(k)fluoranthene	15.292	252	562439	37.372	ng	100
90) Benzo(a)pyrene	15.657	252	454185	37.570	ng	100
91) Dibenzo(a,h)anthracene	17.327	278	485716	35.573	ng	100
92) Benzo(g,h,i)perylene	17.786	276	485767	35.189	ng	100

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

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