Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132820.D
Acq On : 16 Mar 2023 19:02
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 03:38:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	206197	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	746892	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	399199	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	743074	20.000	ng	0.00
76) Chrysene-d12	14.151	240	496765	20.000	ng	0.00
86) Perylene-d12	15.674	264	416878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	948714	77.637	ng	0.00
7) Phenol-d6	6.598	99	1218245	76.808	ng	0.00
23) Nitrobenzene-d5	7.534	82	1129392	77.383	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	325819	76.778	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1789615	73.642	ng	0.00
79) Terphenyl-d14	13.086	244	2045737	74.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	258721	37.566	ng	99
3) Pyridine	3.575	79	713063	42.072	ng	97
4) n-Nitrosodimethylamine	3.546	42	254199	40.399	ng	99
6) Aniline	6.628	93	771771	42.360	ng	98
8) 2-Chlorophenol	6.751	128	517800	39.710	ng	99
9) Benzaldehyde	6.516	77	225763	34.589	ng	97
10) Phenol	6.610	94	724070	40.185	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	649221	38.960	ng	98
12) 1,3-Dichlorobenzene	6.904	146	554647	39.246	ng	99
13) 1,4-Dichlorobenzene	6.981	146	551989	39.133	ng	99
14) 1,2-Dichlorobenzene	7.134	146	496710	38.593	ng	100
15) Benzyl Alcohol	7.104	79	402622	43.889	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	647342	39.926	ng	99
17) 2-Methylphenol	7.216	107	470772	39.728	ng	99
18) Hexachloroethane	7.475	117	214321	39.705	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	338027	37.352	ng	98
20) 3+4-Methylphenols	7.369	107	518863	36.365	ng	97
22) Acetophenone	7.375	105	647846	36.328	ng	99
24) Nitrobenzene	7.551	77	609276	38.613	ng	100
25) Isophorone	7.787	82	1117204	38.939	ng	99
26) 2-Nitrophenol	7.863	139	297320	40.453	ng	96
27) 2,4-Dimethylphenol	7.898	122	446574	39.218	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	678657	39.381	ng	99
29) 2,4-Dichlorophenol	8.110	162	465489	39.485	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	486237	38.561	ng	99
31) Naphthalene	8.269	128	1428215	38.117	ng	99
32) Benzoic acid	8.028	122	249617	38.209	ng	97
33) 4-Chloroaniline	8.322	127	685171m	41.943	ng	
34) Hexachlorobutadiene	8.375	225	307740	38.466	ng	99
35) Caprolactam	8.698	113	151853m	42.014	ng	
36) 4-Chloro-3-methylphenol	8.804	107	484386	40.399	ng	98
37) 2-Methylnaphthalene	8.957	142	965334	38.417	ng	99
38) 1-Methylnaphthalene	9.057	142	914667	38.661	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	516238	39.421	ng	99
41) Hexachlorocyclopentadiene	9.110	237	226229	38.262	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	338624	39.713	ng	99

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44) 2,4,5-Trichlorophenol	9.292	196	402630	40.557	ng	99
46) 1,1'-Biphenyl	9.422	154	1126635	38.042	ng	98
47) 2-Chloronaphthalene	9.451	162	907855	38.714	ng	99
48) 2-Nitroaniline	9.551	65	307578	39.939	ng	99
49) Acenaphthylene	9.869	152	1421733	39.452	ng	100
50) Dimethylphthalate	9.722	163	1124071	39.274	ng	100
51) 2,6-Dinitrotoluene	9.792	165	253777	40.100	ng	99
52) Acenaphthene	10.039	154	822851	37.933	ng	99
53) 3-Nitroaniline	9.969	138	287283	40.608	ng	99
54) 2,4-Dinitrophenol	10.075	184	111684	36.198	ng	100
55) Dibenzofuran	10.216	168	1294900	38.834	ng	97
56) 4-Nitrophenol	10.134	139	186143	44.132	ng	97
57) 2,4-Dinitrotoluene	10.198	165	326679	40.410	ng	98
58) Fluorene	10.557	166	999369	37.690	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.334	232	291242	40.479	ng	99
60) Diethylphthalate	10.422	149	1060424	39.096	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	530398	38.107	ng	99
62) 4-Nitroaniline	10.586	138	234478	37.905	ng	90
63) Azobenzene	10.704	77	1077462	38.855	ng	99
65) 4,6-Dinitro-2-methylph...	10.610	198	195840	43.002	ng	99
66) n-Nitrosodiphenylamine	10.663	169	876659	38.174	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	338111	39.357	ng	100
68) Hexachlorobenzene	11.104	284	355585	39.085	ng	97
69) Atrazine	11.192	200	274616	41.524	ng	96
70) Pentachlorophenol	11.304	266	166296	43.081	ng	98
71) Phenanthrene	11.522	178	1425151	38.103	ng	100
72) Anthracene	11.575	178	1491205	38.920	ng	100
73) Carbazole	11.733	167	1325546	38.532	ng	99
74) Di-n-butylphthalate	12.045	149	1596270	38.948	ng	99
75) Fluoranthene	12.716	202	1586840	38.985	ng	99
77) Benzidine	12.863	184	133522m	43.159	ng	
78) Pyrene	12.951	202	1614011	39.093	ng	100
80) Butylbenzylphthalate	13.551	149	677544	40.114	ng	99
81) Benzo(a)anthracene	14.139	228	1416148	39.384	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	352800	37.798	ng	99
83) Chrysene	14.180	228	1321241	38.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	847185	39.888	ng	99
85) Di-n-octyl phthalate	14.727	149	1328183	39.918	ng	100
87) Indeno(1,2,3-cd)pyrene	17.251	276	1081032	41.368	ng	99
88) Benzo(b)fluoranthene	15.221	252	1121938	41.259	ng	99
89) Benzo(k)fluoranthene	15.257	252	1065281	40.087	ng	99
90) Benzo(a)pyrene	15.616	252	1023828	40.387	ng	100
91) Dibenzo(a,h)anthracene	17.262	278	888094	41.644	ng	100
92) Benzo(g,h,i)perylene	17.733	276	937744	42.084	ng	98

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

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