Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132816.D
Acq On : 16 Mar 2023 16:49
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 17 03:26:04 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 03:14:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	212890	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	712855	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	380135	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	739105	20.000	ng	0.00
76) Chrysene-d12	14.151	240	497721	20.000	ng	0.00
86) Perylene-d12	15.680	264	407871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	960567	76.136	ng	0.00
7) Phenol-d6	6.598	99	1249660	76.311	ng	0.00
23) Nitrobenzene-d5	7.533	82	1123026	80.621	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	317820	78.649	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1716097	74.158	ng	0.00
79) Terphenyl-d14	13.086	244	2085555	75.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	280419	39.436	ng	100
3) Pyridine	3.581	79	727635	41.582	ng	100
4) n-Nitrosodimethylamine	3.546	42	261899	40.314	ng	100
6) Aniline	6.634	93	777455	41.331	ng	100
8) 2-Chlorophenol	6.751	128	524736	38.976	ng	100
9) Benzaldehyde	6.516	77	214736	31.865	ng	100
10) Phenol	6.610	94	728452	39.157	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	676859	39.341	ng	100
12) 1,3-Dichlorobenzene	6.904	146	560707	38.428	ng	100
13) 1,4-Dichlorobenzene	6.981	146	561992	38.590	ng	100
14) 1,2-Dichlorobenzene	7.133	146	509303	38.328	ng	100
15) Benzyl Alcohol	7.104	79	398233	42.046	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.233	45	660043	39.429	ng	100
17) 2-Methylphenol	7.216	107	481376	39.345	ng	100
18) Hexachloroethane	7.475	117	217536	39.034	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	335271	35.883	ng	100
20) 3+4-Methylphenols	7.369	107	526469	35.738	ng	100
22) Acetophenone	7.375	105	659629	38.755	ng	100
24) Nitrobenzene	7.551	77	612919	40.699	ng	100
25) Isophorone	7.786	82	1066736	38.955	ng	100
26) 2-Nitrophenol	7.863	139	280799	40.029	ng	100
27) 2,4-Dimethylphenol	7.898	122	422691	38.893	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	652680	39.682	ng	100
29) 2,4-Dichlorophenol	8.110	162	454552	40.398	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	479692	39.858	ng	100
31) Naphthalene	8.269	128	1366657	38.216	ng	100
32) Benzoic acid	8.028	122	236026m	38.033	ng	
33) 4-Chloroaniline	8.322	127	648259m	41.680	ng	
34) Hexachlorobutadiene	8.375	225	305871	40.058	ng	100
35) Caprolactam	8.704	113	139224m	40.359	ng	
36) 4-Chloro-3-methylphenol	8.804	107	468754	40.962	ng	100
37) 2-Methylnaphthalene	8.957	142	936504	39.050	ng	100
38) 1-Methylnaphthalene	9.057	142	893658	39.577	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	490453	39.330	ng	100
41) Hexachlorocyclopentadiene	9.110	237	230634	40.648	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	324413	39.954	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	385205	40.747	ng	100
46) 1,1'-Biphenyl	9.422	154	1091048	38.688	ng	100
47) 2-Chloronaphthalene	9.451	162	866456	38.802	ng	100
48) 2-Nitroaniline	9.551	65	295403	40.281	ng	100
49) Acenaphthylene	9.869	152	1361210	39.667	ng	100
50) Dimethylphthalate	9.722	163	1072672	39.358	ng	100
51) 2,6-Dinitrotoluene	9.792	165	244056	40.498	ng	100
52) Acenaphthene	10.039	154	791227	38.304	ng	100
53) 3-Nitroaniline	9.969	138	275444	40.887	ng	100
54) 2,4-Dinitrophenol	10.074	184	105176	35.890	ng	100
55) Dibenzofuran	10.210	168	1229750	38.729	ng	100
56) 4-Nitrophenol	10.133	139	176556	43.959	ng	100
57) 2,4-Dinitrotoluene	10.198	165	311977	40.526	ng	100
58) Fluorene	10.557	166	955754	37.853	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	284792	41.568	ng	100
60) Diethylphthalate	10.422	149	1027863	39.796	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	512098	38.637	ng	100
62) 4-Nitroaniline	10.580	138	224841	38.170	ng	100
63) Azobenzene	10.704	77	1051529	39.822	ng	100
65) 4,6-Dinitro-2-methylph...	10.610	198	185138	40.870	ng	100
66) n-Nitrosodiphenylamine	10.663	169	847292	37.093	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	326036	38.155	ng	100
68) Hexachlorobenzene	11.104	284	343323	37.940	ng	100
69) Atrazine	11.186	200	256008	38.918	ng	100
70) Pentachlorophenol	11.304	266	164266	42.895	ng	100
71) Phenanthrene	11.521	178	1394831	37.493	ng	100
72) Anthracene	11.574	178	1441155	37.816	ng	100
73) Carbazole	11.733	167	1312524	38.358	ng	100
74) Di-n-butylphthalate	12.045	149	1524231	37.390	ng	100
75) Fluoranthene	12.715	202	1603278	39.601	ng	100
77) Benzidine	12.857	184	185648	58.902	ng	100
78) Pyrene	12.951	202	1648975	39.863	ng	100
80) Butylbenzylphthalate	13.551	149	678418	40.089	ng	100
81) Benzo(a)anthracene	14.139	228	1413962	39.248	ng	100
82) 3,3'-Dichlorobenzidine	14.098	252	368934	39.451	ng	100
83) Chrysene	14.180	228	1306760	38.385	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	851246	40.002	ng	100
85) Di-n-octyl phthalate	14.727	149	1258343	37.747	ng	100
87) Indeno(1,2,3-cd)pyrene	17.256	276	1076559	42.106	ng	100
88) Benzo(b)fluoranthene	15.221	252	1115249	41.918	ng	100
89) Benzo(k)fluoranthene	15.257	252	1068305	41.089	ng	100
90) Benzo(a)pyrene	15.615	252	1002152	40.405	ng	100
91) Dibenzo(a,h)anthracene	17.268	278	896374	42.960	ng	100
92) Benzo(g,h,i)perylene	17.727	276	943964	43.298	ng	100

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

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