Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
Data File : BF131282.D
Acq On : 17 Nov 2022 13:12
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 18 00:55:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:51:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	89426	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	317206	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	182427	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	322673	20.000	ng	0.00
76) Chrysene-d12	14.180	240	178004	20.000	ng	0.00
86) Perylene-d12	15.715	264	135292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	400148	79.235	ng	0.00
7) Phenol-d6	6.587	99	501303	78.373	ng	0.00
23) Nitrobenzene-d5	7.540	82	489697	86.652	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	143171	82.161	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	987126	79.186	ng	0.00
79) Terphenyl-d14	13.116	244	992659	95.765	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	91470	39.534	ng	100
3) Pyridine	3.546	79	255987	39.143	ng	100
4) n-Nitrosodimethylamine	3.516	42	159600	41.870	ng	100
6) Aniline	6.634	93	312342m	38.930	ng	
8) 2-Chlorophenol	6.751	128	222892	39.263	ng	100
9) Benzaldehyde	6.522	77	170007	36.641	ng	100
10) Phenol	6.598	94	277746	38.815	ng	100
11) bis(2-Chloroethyl)ether	6.704	93	221631	39.558	ng	100
12) 1,3-Dichlorobenzene	6.910	146	259224	40.362	ng	100
13) 1,4-Dichlorobenzene	6.987	146	259468	39.948	ng	100
14) 1,2-Dichlorobenzene	7.145	146	243681	40.591	ng	100
15) Benzyl Alcohol	7.110	79	220141	39.622	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.245	45	418964	39.701	ng	100
17) 2-Methylphenol	7.210	107	190075	39.219	ng	100
18) Hexachloroethane	7.487	117	95746	40.548	ng	100
19) n-Nitroso-di-n-propyla...	7.387	70	178821	40.120	ng	100
20) 3+4-Methylphenols	7.369	107	246757	39.362	ng	100
22) Acetophenone	7.387	105	326798	39.523	ng	100
24) Nitrobenzene	7.557	77	261284	42.828	ng	100
25) Isophorone	7.798	82	453704	40.186	ng	100
26) 2-Nitrophenol	7.875	139	83886	40.246	ng	100
27) 2,4-Dimethylphenol	7.904	122	180077	38.968	ng	100
28) bis(2-Chloroethoxy)met...	8.010	93	250311	39.324	ng	100
29) 2,4-Dichlorophenol	8.110	162	201680	40.356	ng	100
30) 1,2,4-Trichlorobenzene	8.198	180	236218	40.315	ng	100
31) Naphthalene	8.287	128	676978	39.392	ng	100
32) Benzoic acid	8.016	122	106461	36.711	ng	100
33) 4-Chloroaniline	8.328	127	269660	39.860	ng	100
34) Hexachlorobutadiene	8.398	225	157405	42.445	ng	100
35) Caprolactam	8.710	113	56575	38.308	ng	100
36) 4-Chloro-3-methylphenol	8.804	107	213959	40.674	ng	100
37) 2-Methylnaphthalene	8.981	142	457358	39.959	ng	100
38) 1-Methylnaphthalene	9.081	142	438955	39.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.145	216	235308	40.061	ng	100
41) Hexachlorocyclopentadiene	9.128	237	107890	35.838	ng	100
43) 2,4,6-Trichlorophenol	9.251	196	151758	39.519	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	164340	39.880	ng	100
46) 1,1'-Biphenyl	9.445	154	546285	38.954	ng	100
47) 2-Chloronaphthalene	9.475	162	447470	39.388	ng	100
48) 2-Nitroaniline	9.563	65	142721	45.510	ng	100
49) Acenaphthylene	9.892	152	681386	39.277	ng	100
50) Dimethylphthalate	9.745	163	520581	39.851	ng	100
51) 2,6-Dinitrotoluene	9.810	165	99199	43.576	ng	100
52) Acenaphthene	10.063	154	422338	39.002	ng	100
53) 3-Nitroaniline	9.981	138	101547	41.288	ng	100
54) 2,4-Dinitrophenol	10.081	184	30342	35.074	ng	100
55) Dibenzofuran	10.233	168	612067	39.451	ng	100
56) 4-Nitrophenol	10.122	139	71998	35.029	ng	100
57) 2,4-Dinitrotoluene	10.210	165	118836	43.980	ng	100
58) Fluorene	10.581	166	481274	39.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.345	232	142723	40.883	ng	100
60) Diethylphthalate	10.451	149	502471	40.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	246235	40.790	ng	100
62) 4-Nitroaniline	10.598	138	102199	42.073	ng	100
63) Azobenzene	10.733	77	518155	40.079	ng	100
65) 4,6-Dinitro-2-methylph...	10.622	198	47276	37.606	ng	100
66) n-Nitrosodiphenylamine	10.692	169	411546	40.144	ng	100
67) 4-Bromophenyl-phenylether	11.063	248	157438	41.555	ng	100
68) Hexachlorobenzene	11.128	284	170640	41.560	ng	100
69) Atrazine	11.216	200	134207	39.939	ng	100
70) Pentachlorophenol	11.316	266	96312	40.189	ng	100
71) Phenanthrene	11.551	178	713136	40.046	ng	100
72) Anthracene	11.604	178	699570	40.215	ng	100
73) Carbazole	11.757	167	583326	37.461	ng	100
74) Di-n-butylphthalate	12.086	149	723112	39.902	ng	100
75) Fluoranthene	12.745	202	726050	36.969	ng	100
77) Benzidine	12.863	184	190626	49.973	ng	100
78) Pyrene	12.974	202	718327	46.814	ng	100
80) Butylbenzylphthalate	13.598	149	223680	43.014	ng	100
81) Benzo(a)anthracene	14.169	228	493362	39.881	ng	100
82) 3,3'-Dichlorobenzidine	14.133	252	138496	38.260	ng	100
83) Chrysene	14.210	228	477292	39.604	ng	100
84) Bis(2-ethylhexyl)phtha...	14.157	149	248332	37.971	ng	100
85) Di-n-octyl phthalate	14.786	149	327808	35.469	ng	100
87) Indeno(1,2,3-cd)pyrene	17.310	276	465816	52.118	ng	100
88) Benzo(b)fluoranthene	15.257	252	363542	38.487	ng	100
89) Benzo(k)fluoranthene	15.292	252	368520	39.355	ng	100
90) Benzo(a)pyrene	15.651	252	306014	40.527	ng	100
91) Dibenzo(a,h)anthracene	17.333	278	380008	51.822	ng	100
92) Benzo(g,h,i)perylene	17.792	276	388637	53.107	ng	100

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

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