Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122921\
Data File : BF126406.D
Acq On : 29 Dec 2021 22:04
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122921

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 04:36:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	149387	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	596823	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	267189	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	405794	20.000	ng	0.00
76) Chrysene-d12	13.957	240	214507	20.000	ng	0.00
86) Perylene-d12	15.398	264	197640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	834257	80.197	ng	0.00
7) Phenol-d6	6.428	99	1075737	79.841	ng	0.00
23) Nitrobenzene-d5	7.363	82	948315	81.586	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	168676	81.696	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1089344	71.745	ng	0.00
79) Terphenyl-d14	12.904	244	900830	81.594	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	222088	42.574	ng	100
3) Pyridine	3.222	79	599302	42.590	ng	99
4) n-Nitrosodimethylamine	3.175	42	235151	40.647	ng	96
6) Aniline	6.463	93	680537	40.620	ng	99
8) 2-Chlorophenol	6.581	128	424183	40.889	ng	98
9) Benzaldehyde	6.345	77	313512	37.588	ng	98
10) Phenol	6.440	94	617185	41.047	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	462760	40.307	ng	99
12) 1,3-Dichlorobenzene	6.739	146	416596	40.186	ng	100
13) 1,4-Dichlorobenzene	6.816	146	417104	40.308	ng	98
14) 1,2-Dichlorobenzene	6.969	146	390272	38.708	ng	97
15) Benzyl Alcohol	6.939	79	382391	40.564	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	730169	40.495	ng	98
17) 2-Methylphenol	7.051	107	364553	39.949	ng	99
18) Hexachloroethane	7.310	117	169027	40.998	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295705	38.461	ng	100
20) 3+4-Methylphenols	7.204	107	404042	37.190	ng	98
22) Acetophenone	7.210	105	532950	38.627	ng	98
24) Nitrobenzene	7.381	77	477385	41.043	ng	99
25) Isophorone	7.622	82	829755	39.877	ng	99
26) 2-Nitrophenol	7.698	139	214791	41.656	ng	97
27) 2,4-Dimethylphenol	7.734	122	328007	40.683	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	554061	40.761	ng	99
29) 2,4-Dichlorophenol	7.939	162	297078	40.353	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	306295	39.920	ng	99
31) Naphthalene	8.104	128	1120481	39.776	ng	100
32) Benzoic acid	7.863	122	217260	38.745	ng	96
33) 4-Chloroaniline	8.151	127	471597	39.961	ng	99
34) Hexachlorobutadiene	8.222	225	147901	39.660	ng	97
35) Caprolactam	8.516	113	72902m	38.926	ng	
36) 4-Chloro-3-methylphenol	8.633	107	360272	40.099	ng	98
37) 2-Methylnaphthalene	8.792	142	658599	39.632	ng	99
38) 1-Methylnaphthalene	8.892	142	638771	39.758	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	235373	40.540	ng	99
41) Hexachlorocyclopentadiene	8.951	237	104246	44.100	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	173273	40.355	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	188641	40.816	ng	98
46) 1,1'-Biphenyl	9.257	154	777512	39.675	ng	98
47) 2-Chloronaphthalene	9.281	162	589576	39.721	ng	97
48) 2-Nitroaniline	9.375	65	248053	41.385	ng	97
49) Acenaphthylene	9.698	152	897735	39.878	ng	99
50) Dimethylphthalate	9.563	163	664148	39.817	ng	99
51) 2,6-Dinitrotoluene	9.622	165	145251	40.322	ng	97
52) Acenaphthene	9.869	154	587721	39.822	ng	99
53) 3-Nitroaniline	9.786	138	198764	40.244	ng	100
54) 2,4-Dinitrophenol	9.892	184	69833	39.840	ng	98
55) Dibenzofuran	10.039	168	789671	39.579	ng	97
56) 4-Nitrophenol	9.945	139	151737	43.198	ng	97
57) 2,4-Dinitrotoluene	10.022	165	193770	41.693	ng	99
58) Fluorene	10.386	166	539803	38.266	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	132959	40.081	ng	100
60) Diethylphthalate	10.257	149	643916	40.056	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	240845	39.123	ng	98
62) 4-Nitroaniline	10.398	138	187649	40.340	ng	99
63) Azobenzene	10.539	77	836117	40.380	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	99534	45.294	ng	95
66) n-Nitrosodiphenylamine	10.498	169	515657	40.958	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	146927	40.792	ng	98
68) Hexachlorobenzene	10.933	284	166337	39.702	ng	99
69) Atrazine	11.022	200	95314	43.966	ng	98
70) Pentachlorophenol	11.127	266	88064	43.247	ng	98
71) Phenanthrene	11.345	178	833939	40.197	ng	100
72) Anthracene	11.398	178	833401	40.147	ng	99
73) Carbazole	11.551	167	818435	40.262	ng	100
74) Di-n-butylphthalate	11.886	149	936168	40.452	ng	99
75) Fluoranthene	12.533	202	751959	39.713	ng	99
77) Benzidine	12.651	184	124116	33.356	ng	98
78) Pyrene	12.763	202	766355	42.275	ng	99
80) Butylbenzylphthalate	13.380	149	339738	42.294	ng	98
81) Benzo(a)anthracene	13.945	228	497754	40.349	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	221459	38.480	ng	99
83) Chrysene	13.986	228	515300	40.723	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	337416	40.532	ng	99
85) Di-n-octyl phthalate	14.557	149	604490	41.870	ng	99
87) Indeno(1,2,3-cd)pyrene	16.815	276	587974	44.453	ng	98
88) Benzo(b)fluoranthene	14.980	252	454212	38.579	ng	100
89) Benzo(k)fluoranthene	15.010	252	474652	41.617	ng	99
90) Benzo(a)pyrene	15.333	252	407696	41.298	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	469607	43.999	ng	99
92) Benzo(g,h,i)perylene	17.245	276	507586	44.662	ng	99

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

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