Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133889.D
Acq On : 22 Jun 2023 08:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 23 02:21:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	99141	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	358708	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	178692	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	359124	20.000	ng		0.00
76) Chrysene-d12	14.057	240	183249	20.000	ng		0.00
86) Perylene-d12	15.562	264	187060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	480053	84.297	ng		0.00
7) Phenol-d6	6.498	99	578619	78.058	ng		0.00
23) Nitrobenzene-d5	7.428	82	543401	82.511	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	181735	80.345	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	990430	78.790	ng		0.00
79) Terphenyl-d14	12.992	244	1018537	86.005	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	97130	38.795	ng		99
3) Pyridine	3.422	79	263131	36.058	ng		96
4) n-Nitrosodimethylamine	3.381	42	152932	37.913	ng		97
6) Aniline	6.528	93	361720	38.743	ng		99
8) 2-Chlorophenol	6.651	128	241480	40.237	ng		93
9) Benzaldehyde	6.416	77	165631	33.679	ng		95
10) Phenol	6.516	94	305653	39.488	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	219800	38.250	ng		99
12) 1,3-Dichlorobenzene	6.804	146	255974	39.920	ng		99
13) 1,4-Dichlorobenzene	6.881	146	259125	39.983	ng		97
14) 1,2-Dichlorobenzene	7.033	146	245638	41.946	ng		97
15) Benzyl Alcohol	7.004	79	226072	39.048	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	381186	39.132	ng		99
17) 2-Methylphenol	7.116	107	214715	40.365	ng		99
18) Hexachloroethane	7.369	117	96598	43.538	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	173408	36.768	ng		99
20) 3+4-Methylphenols	7.269	107	262240	37.897	ng	#	87
22) Acetophenone	7.269	105	327038	39.751	ng	#	91
24) Nitrobenzene	7.445	77	274270	41.359	ng		100
25) Isophorone	7.681	82	473545	39.166	ng		100
26) 2-Nitrophenol	7.757	139	134068	45.047	ng		97
27) 2,4-Dimethylphenol	7.798	122	209306	40.803	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	273143	39.087	ng		100
29) 2,4-Dichlorophenol	7.998	162	205862	40.947	ng		98
30) 1,2,4-Trichlorobenzene	8.080	180	210728	40.174	ng		96
31) Naphthalene	8.163	128	693677	39.693	ng		100
32) Benzoic acid	7.910	122	149069	46.077	ng		93
33) 4-Chloroaniline	8.216	127	301424	40.338	ng		96
34) Hexachlorobutadiene	8.275	225	134283	39.101	ng		99
35) Caprolactam	8.586	113	66874	39.530	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	231422	39.935	ng		99
37) 2-Methylnaphthalene	8.857	142	481499	39.653	ng		98
38) 1-Methylnaphthalene	8.957	142	452785	40.523	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	216775	39.904	ng		99
41) Hexachlorocyclopentadiene	9.004	237	101341	41.862	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	146633	40.393	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	171117	40.518	ng		98
46) 1,1'-Biphenyl	9.322	154	574730	39.879	ng		100
47) 2-Chloronaphthalene	9.345	162	419095	40.540	ng		99
48) 2-Nitroaniline	9.445	65	157861	41.753	ng		98
49) Acenaphthylene	9.763	152	724698	40.277	ng		100
50) Dimethylphthalate	9.622	163	521745	39.117	ng		99
51) 2,6-Dinitrotoluene	9.686	165	116095	42.169	ng	#	76
52) Acenaphthene	9.933	154	419643	39.845	ng		98
53) 3-Nitroaniline	9.857	138	137947	41.175	ng		89
54) 2,4-Dinitrophenol	9.969	184	55228	43.835	ng		92
55) Dibenzofuran	10.110	168	658528	40.977	ng		99
56) 4-Nitrophenol	10.022	139	94979	42.006	ng		86
57) 2,4-Dinitrotoluene	10.092	165	155068	44.288	ng		97
58) Fluorene	10.451	166	511806	41.645	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	135453	42.839	ng		100
60) Diethylphthalate	10.322	149	527332	38.846	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	241811	39.856	ng		96
62) 4-Nitroaniline	10.474	138	136383	41.518	ng		94
63) Azobenzene	10.604	77	510042	39.689	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	80876	47.129	ng		83
66) n-Nitrosodiphenylamine	10.563	169	454555	37.682	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	150095	37.446	ng		92
68) Hexachlorobenzene	11.004	284	159768	37.904	ng		94
69) Atrazine	11.092	200	122603	35.029	ng		98
70) Pentachlorophenol	11.198	266	95624	37.886	ng		98
71) Phenanthrene	11.421	178	716744	39.338	ng		99
72) Anthracene	11.474	178	744916	39.210	ng		99
73) Carbazole	11.627	167	688358	38.903	ng		99
74) Di-n-butylphthalate	11.957	149	825108	36.375	ng		100
75) Fluoranthene	12.615	202	774557	40.032	ng		99
77) Benzidine	12.739	184	194223	31.586	ng		100
78) Pyrene	12.845	202	771692	45.207	ng		98
80) Butylbenzylphthalate	13.468	149	291446	40.442	ng		100
81) Benzo(a)anthracene	14.045	228	503393	39.714	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	153358	36.392	ng	#	97
83) Chrysene	14.080	228	478787	39.937	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	333526	37.588	ng		97
85) Di-n-octyl phthalate	14.651	149	447362	35.478	ng		100
87) Indeno(1,2,3-cd)pyrene	17.121	276	546949	42.500	ng		100
88) Benzo(b)fluoranthene	15.115	252	411054	36.174	ng		99
89) Benzo(k)fluoranthene	15.145	252	419920	37.937	ng		99
90) Benzo(a)pyrene	15.498	252	418352	39.670	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	448322	42.079	ng		98
92) Benzo(g,h,i)perylene	17.592	276	452769	42.862	ng		98

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

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