Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135682.D
Acq On : 10 Oct 2023 13:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 11 02:52:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	92633	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	346674	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	177960	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	334953	20.000	ng		0.00
76) Chrysene-d12	13.933	240	162096	20.000	ng		0.00
86) Perylene-d12	15.404	264	175763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	461744	81.073	ng		0.00
7) Phenol-d6	6.392	99	564599	77.961	ng		0.00
23) Nitrobenzene-d5	7.310	82	533957	83.680	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	143081	80.906	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	970037	82.238	ng		0.00
79) Terphenyl-d14	12.868	244	918590	87.849	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	108842	43.593	ng		97
3) Pyridine	3.169	79	263424	39.202	ng		95
4) n-Nitrosodimethylamine	3.146	42	150009	42.068	ng		94
6) Aniline	6.410	93	356243	37.512	ng	#	73
8) 2-Chlorophenol	6.528	128	247863	40.768	ng		98
9) Benzaldehyde	6.298	77	149607	36.263	ng		97
10) Phenol	6.404	94	304215	38.308	ng	#	74
11) bis(2-Chloroethyl)ether	6.481	93	234463	39.361	ng		98
12) 1,3-Dichlorobenzene	6.681	146	245154	39.676	ng		97
13) 1,4-Dichlorobenzene	6.757	146	249443	39.679	ng		99
14) 1,2-Dichlorobenzene	6.910	146	228766	39.186	ng		97
15) Benzyl Alcohol	6.892	79	185776	35.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	433145	38.577	ng		71
17) 2-Methylphenol	7.004	107	206480	38.485	ng		95
18) Hexachloroethane	7.239	117	93875	40.415	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	171736	38.285	ng		95
20) 3+4-Methylphenols	7.163	107	261913	40.597	ng	#	77
22) Acetophenone	7.151	105	333136	42.032	ng	#	90
24) Nitrobenzene	7.328	77	266761	42.297	ng		99
25) Isophorone	7.563	82	481038	41.054	ng		99
26) 2-Nitrophenol	7.645	139	130190	43.010	ng		95
27) 2,4-Dimethylphenol	7.686	122	212196	41.705	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	294776	42.032	ng		100
29) 2,4-Dichlorophenol	7.892	162	202842	43.024	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	205300	41.661	ng		98
31) Naphthalene	8.039	128	702878	41.729	ng		99
32) Benzoic acid	7.828	122	134477	35.100	ng		99
33) 4-Chloroaniline	8.098	127	308052	41.684	ng		98
34) Hexachlorobutadiene	8.151	225	124412	41.870	ng		100
35) Caprolactam	8.475	113	68133	43.059	ng		98
36) 4-Chloro-3-methylphenol	8.592	107	216932	41.400	ng		99
37) 2-Methylnaphthalene	8.733	142	467909	41.326	ng		98
38) 1-Methylnaphthalene	8.833	142	434083	40.950	ng		97
40) 1,2,4,5-Tetrachloroben...	8.898	216	215980	41.892	ng		100
41) Hexachlorocyclopentadiene	8.881	237	75337	37.486	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	132440	39.234	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	154446	39.730	ng		99
46) 1,1'-Biphenyl	9.198	154	575460	42.078	ng		98
47) 2-Chloronaphthalene	9.228	162	407407	41.058	ng		100
48) 2-Nitroaniline	9.333	65	159383	41.345	ng		99
49) Acenaphthylene	9.639	152	670838	40.679	ng		99
50) Dimethylphthalate	9.504	163	497833	41.376	ng		100
51) 2,6-Dinitrotoluene	9.575	165	108239	41.065	ng		99
52) Acenaphthene	9.810	154	402463	41.313	ng		98
53) 3-Nitroaniline	9.751	138	126578	40.911	ng		93
54) 2,4-Dinitrophenol	9.875	184	79841	55.439	ng		93
55) Dibenzofuran	9.986	168	612364	41.192	ng		99
56) 4-Nitrophenol	9.939	139	72476	36.858	ng		89
57) 2,4-Dinitrotoluene	9.992	165	136447	41.350	ng		90
58) Fluorene	10.327	166	491926	43.044	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	114028	38.132	ng		99
60) Diethylphthalate	10.204	149	508644	42.123	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	235894	42.969	ng		95
62) 4-Nitroaniline	10.369	138	116825	39.281	ng		98
63) Azobenzene	10.480	77	496713	42.031	ng		95
65) 4,6-Dinitro-2-methylph...	10.404	198	73519	41.325	ng		88
66) n-Nitrosodiphenylamine	10.445	169	432328	42.633	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	144031	43.235	ng	#	92
68) Hexachlorobenzene	10.880	284	143328	42.231	ng	#	92
69) Atrazine	10.980	200	111528	40.875	ng		99
70) Pentachlorophenol	11.086	266	68559	33.764	ng		97
71) Phenanthrene	11.298	178	679116	42.869	ng		100
72) Anthracene	11.351	178	695924	42.737	ng		99
73) Carbazole	11.516	167	641273	43.261	ng		99
74) Di-n-butylphthalate	11.839	149	757278	43.354	ng		99
75) Fluoranthene	12.492	202	687545	41.652	ng		99
77) Benzidine	12.627	184	106611	32.104	ng		100
78) Pyrene	12.727	202	679552	44.033	ng		99
80) Butylbenzylphthalate	13.345	149	241896	44.518	ng		98
81) Benzo(a)anthracene	13.921	228	454128	43.387	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	131307	40.162	ng		99
83) Chrysene	13.963	228	429810	41.302	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	274622	49.252	ng		99
85) Di-n-octyl phthalate	14.521	149	403870	45.578	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	513099	44.524	ng		99
88) Benzo(b)fluoranthene	14.974	252	382293	40.179	ng		98
89) Benzo(k)fluoranthene	15.004	252	354872	37.757	ng		98
90) Benzo(a)pyrene	15.345	252	378288	41.691	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	421663	44.718	ng		98
92) Benzo(g,h,i)perylene	17.351	276	446715	45.363	ng		98

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

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