Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135014.D
Acq On : 30 Aug 2023 20:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 31 05:51:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	148367	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	585055	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	304253	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	557912	20.000	ng	0.00
76) Chrysene-d12	13.963	240	316884	20.000	ng	0.00
86) Perylene-d12	15.427	264	274593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	712309	74.157	ng	0.00
7) Phenol-d6	6.416	99	896206	74.855	ng	0.00
23) Nitrobenzene-d5	7.340	82	777171	74.629	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	237635	73.629	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1327022	71.011	ng	0.00
79) Terphenyl-d14	12.904	244	1374137	70.766	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	152966	37.595	ng	99
3) Pyridine	3.240	79	418933	38.192	ng	98
4) n-Nitrosodimethylamine	3.210	42	206078	38.417	ng	96
6) Aniline	6.440	93	558419	37.624	ng	97
8) 2-Chlorophenol	6.563	128	370100	37.926	ng	97
9) Benzaldehyde	6.328	77	213751	35.038	ng	98
10) Phenol	6.428	94	473471	37.669	ng	99
11) bis(2-Chloroethyl)ether	6.516	93	347932	36.761	ng	99
12) 1,3-Dichlorobenzene	6.716	146	370937	36.895	ng	99
13) 1,4-Dichlorobenzene	6.793	146	376870	37.453	ng	98
14) 1,2-Dichlorobenzene	6.946	146	346544	36.905	ng	98
15) Benzyl Alcohol	6.922	79	313425	38.210	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	576918	36.399	ng	99
17) 2-Methylphenol	7.034	107	319043	37.519	ng	99
18) Hexachloroethane	7.281	117	137135	36.790	ng	98
19) n-Nitroso-di-n-propyla...	7.193	70	253406	35.633	ng	94
20) 3+4-Methylphenols	7.187	107	372486	37.130	ng	97
22) Acetophenone	7.187	105	477127	36.665	ng	99
24) Nitrobenzene	7.357	77	398961	37.348	ng	97
25) Isophorone	7.598	82	717864	36.358	ng	100
26) 2-Nitrophenol	7.675	139	201829	38.241	ng	98
27) 2,4-Dimethylphenol	7.710	122	316696	37.271	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	427888	35.925	ng	100
29) 2,4-Dichlorophenol	7.916	162	303285	37.555	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	320819	36.761	ng	100
31) Naphthalene	8.075	128	1041792	36.452	ng	99
32) Benzoic acid	7.840	122	275780	40.573	ng	99
33) 4-Chloroaniline	8.128	127	458523	36.680	ng	97
34) Hexachlorobutadiene	8.193	225	178758	36.093	ng	99
35) Caprolactam	8.504	113	102310	38.692	ng	91
36) 4-Chloro-3-methylphenol	8.616	107	330332	37.660	ng	100
37) 2-Methylnaphthalene	8.769	142	699569	36.686	ng	100
38) 1-Methylnaphthalene	8.869	142	652610	36.576	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	305047	35.815	ng	99
41) Hexachlorocyclopentadiene	8.922	237	133592	36.852	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	212268	37.110	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	243630	36.790	ng	#	94
46) 1,1'-Biphenyl	9.234	154	833098	35.839	ng		98
47) 2-Chloronaphthalene	9.257	162	635338	36.346	ng		98
48) 2-Nitroaniline	9.357	65	228791	38.234	ng		91
49) Acenaphthylene	9.675	152	972247	36.793	ng		99
50) Dimethylphthalate	9.545	163	766615	35.984	ng		100
51) 2,6-Dinitrotoluene	9.604	165	175369	37.515	ng		95
52) Acenaphthene	9.845	154	607163	36.056	ng		99
53) 3-Nitroaniline	9.775	138	201636	37.028	ng		96
54) 2,4-Dinitrophenol	9.881	184	96709	43.286	ng		91
55) Dibenzofuran	10.022	168	876411	36.079	ng		99
56) 4-Nitrophenol	9.939	139	148057	38.680	ng		98
57) 2,4-Dinitrotoluene	10.010	165	223733	38.405	ng		97
58) Fluorene	10.363	166	667015	36.017	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	186874	36.647	ng		98
60) Diethylphthalate	10.245	149	718758	35.840	ng		100
61) 4-Chlorophenyl-phenyle...	10.357	204	324010	35.371	ng		98
62) 4-Nitroaniline	10.392	138	198967	37.342	ng		100
63) Azobenzene	10.522	77	729611	36.132	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	134889	39.948	ng		91
66) n-Nitrosodiphenylamine	10.481	169	622645	35.893	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	211189	35.689	ng		97
68) Hexachlorobenzene	10.910	284	224459	36.683	ng		95
69) Atrazine	11.010	200	159210	39.601	ng		97
70) Pentachlorophenol	11.110	266	140330	37.908	ng		99
71) Phenanthrene	11.333	178	1030206	35.792	ng		100
72) Anthracene	11.381	178	1055613	35.896	ng		100
73) Carbazole	11.539	167	935943	36.899	ng		99
74) Di-n-butylphthalate	11.875	149	1088427	35.597	ng		99
75) Fluoranthene	12.528	202	1057352	36.334	ng		98
77) Benzidine	12.651	184	253502	44.378	ng		99
78) Pyrene	12.757	202	1071101	35.600	ng		100
80) Butylbenzylphthalate	13.386	149	419014	38.551	ng		94
81) Benzo(a)anthracene	13.951	228	765166	35.398	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	244962	37.556	ng		97
83) Chrysene	13.986	228	763124	35.923	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	450101	40.015	ng		100
85) Di-n-octyl phthalate	14.569	149	664535	38.706	ng		99
87) Indeno(1,2,3-cd)pyrene	16.910	276	680442	36.789	ng		100
88) Benzo(b)fluoranthene	14.998	252	636840	37.273	ng		100
89) Benzo(k)fluoranthene	15.033	252	594891	36.040	ng		98
90) Benzo(a)pyrene	15.369	252	580849	36.596	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	556705	37.163	ng		99
92) Benzo(g,h,i)perylene	17.363	276	576234	36.985	ng		98

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

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