Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135001.D
Acq On : 30 Aug 2023 12:38
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 31 03:36:19 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 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	152206	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	611525	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	318469	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	588027	20.000	ng		0.00
76) Chrysene-d12	13.963	240	401005	20.000	ng		0.00
86) Perylene-d12	15.427	264	310050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	227566	23.094	ng		0.00
7) Phenol-d6	6.404	99	283596	23.090	ng		-0.01
23) Nitrobenzene-d5	7.334	82	236354	21.714	ng		-0.01
42) 2,4,6-Tribromophenol	10.604	330	76956	22.780	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	467197	23.884	ng		-0.01
79) Terphenyl-d14	12.898	244	517779	21.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	44981	10.776	ng		98
3) Pyridine	3.246	79	120714	10.727	ng		99
4) n-Nitrosodimethylamine	3.187	42	57788	10.501	ng		100
6) Aniline	6.434	93	174163	11.438	ng		98
8) 2-Chlorophenol	6.557	128	113198	11.307	ng		99
9) Benzaldehyde	6.322	77	81155	12.968	ng		96
10) Phenol	6.416	94	150619	11.681	ng		89
11) bis(2-Chloroethyl)ether	6.510	93	108175	11.141	ng		97
12) 1,3-Dichlorobenzene	6.710	146	116069	11.254	ng		98
13) 1,4-Dichlorobenzene	6.792	146	117082	11.342	ng		96
14) 1,2-Dichlorobenzene	6.939	146	112405	11.669	ng		99
15) Benzyl Alcohol	6.910	79	97453	11.581	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	180244	11.085	ng		99
17) 2-Methylphenol	7.028	107	96933	11.112	ng		99
18) Hexachloroethane	7.281	117	42053	10.997	ng		96
19) n-Nitroso-di-n-propyla...	7.181	70	79758	10.932	ng		95
20) 3+4-Methylphenols	7.181	107	126470	12.289	ng		90
22) Acetophenone	7.181	105	154089	11.328	ng	#	95
24) Nitrobenzene	7.351	77	121488	10.881	ng		98
25) Isophorone	7.592	82	221486	10.732	ng		100
26) 2-Nitrophenol	7.669	139	56959	10.325	ng		99
27) 2,4-Dimethylphenol	7.704	122	96300	10.843	ng		97
28) bis(2-Chloroethoxy)met...	7.804	93	137344	11.032	ng		97
29) 2,4-Dichlorophenol	7.910	162	92668	10.978	ng		99
30) 1,2,4-Trichlorobenzene	7.992	180	100489	11.016	ng		99
31) Naphthalene	8.075	128	335552	11.233	ng		99
32) Benzoic acid	7.792	122	69011	9.686	ng		96
33) 4-Chloroaniline	8.122	127	145447	11.132	ng		96
34) Hexachlorobutadiene	8.192	225	56999	11.011	ng		98
35) Caprolactam	8.469	113	29430	10.650	ng		95
36) 4-Chloro-3-methylphenol	8.604	107	101572	11.079	ng		96
37) 2-Methylnaphthalene	8.769	142	227368	11.407	ng		99
38) 1-Methylnaphthalene	8.863	142	211929	11.364	ng		100
40) 1,2,4,5-Tetrachloroben...	8.933	216	99185	11.125	ng		100
41) Hexachlorocyclopentadiene	8.916	237	29753	7.841	ng		95
43) 2,4,6-Trichlorophenol	9.045	196	65267	10.901	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	76132	10.983	ng		99
46) 1,1'-Biphenyl	9.233	154	273838	11.254	ng		98
47) 2-Chloronaphthalene	9.257	162	203680	11.132	ng		98
48) 2-Nitroaniline	9.351	65	65921	10.525	ng		91
49) Acenaphthylene	9.669	152	315924	11.422	ng		99
50) Dimethylphthalate	9.533	163	243805	10.933	ng		100
51) 2,6-Dinitrotoluene	9.598	165	52234	10.675	ng		89
52) Acenaphthene	9.845	154	200603	11.381	ng		98
53) 3-Nitroaniline	9.763	138	61687	10.823	ng		97
54) 2,4-Dinitrophenol	9.875	184	20071	8.583	ng		95
55) Dibenzofuran	10.016	168	299795	11.791	ng		97
56) 4-Nitrophenol	9.928	139	42028	10.490	ng		100
57) 2,4-Dinitrotoluene	10.004	165	69264	11.359	ng	#	86
58) Fluorene	10.363	166	231112	11.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	59766	11.197	ng		98
60) Diethylphthalate	10.239	149	238440	11.359	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	114682	11.961	ng		89
62) 4-Nitroaniline	10.375	138	60913	10.922	ng		100
63) Azobenzene	10.516	77	235917	11.162	ng		100
65) 4,6-Dinitro-2-methylph...	10.410	198	33820	9.503	ng		98
66) n-Nitrosodiphenylamine	10.475	169	205395	11.234	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	69342	11.118	ng		96
68) Hexachlorobenzene	10.910	284	71502	11.087	ng		99
69) Atrazine	11.004	200	57262	9.941	ng		99
70) Pentachlorophenol	11.104	266	41751	10.701	ng		94
71) Phenanthrene	11.327	178	349215	11.511	ng		98
72) Anthracene	11.380	178	354559	11.439	ng		97
73) Carbazole	11.539	167	309292	11.569	ng		98
74) Di-n-butylphthalate	11.874	149	370681	11.502	ng		99
75) Fluoranthene	12.521	202	366305	11.943	ng		100
77) Benzidine	12.651	184	113307	15.675	ng		97
78) Pyrene	12.751	202	374765	9.843	ng		99
80) Butylbenzylphthalate	13.380	149	139368	10.133	ng		99
81) Benzo(a)anthracene	13.951	228	299386	10.945	ng		100
82) 3,3'-Dichlorobenzidine	13.916	252	97248	11.782	ng		99
83) Chrysene	13.986	228	287728	10.703	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	156158	10.970	ng		98
85) Di-n-octyl phthalate	14.568	149	213930	9.846	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	177565	8.502	ng		98
88) Benzo(b)fluoranthene	14.998	252	213896	11.087	ng		98
89) Benzo(k)fluoranthene	15.027	252	220155	11.812	ng		98
90) Benzo(a)pyrene	15.362	252	193377	10.790	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	147558	8.724	ng		96
92) Benzo(g,h,i)perylene	17.345	276	144992	8.242	ng		98

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

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