Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
Data File : BF136631.D
Acq On : 19 Dec 2023 15:34
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 20 04:11:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 04:11:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	74731	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	302125	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	167825	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	339893	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	234961	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	185563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	52319	10.870	ng		0.00
7) Phenol-d6	6.434	99	66937	10.866	ng		-0.01
23) Nitrobenzene-d5	7.351	82	59888	10.293	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	21894	11.187	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	141790	11.543	ng		0.00
79) Terphenyl-d14	12.910	244	178481	10.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	10225	5.176	ng		96
3) Pyridine	3.340	79	25690	5.299	ng		94
4) n-Nitrosodimethylamine	3.263	42	12973	4.954	ng	#	91
6) Aniline	6.457	93	33274	5.429	ng	#	73
8) 2-Chlorophenol	6.581	128	28197	5.358	ng		99
9) Benzaldehyde	6.345	77	20815	5.627	ng		99
10) Phenol	6.445	94	35609	5.422	ng		82
11) bis(2-Chloroethyl)ether	6.528	93	26386	5.208	ng		99
12) 1,3-Dichlorobenzene	6.734	146	30732	5.382	ng		97
13) 1,4-Dichlorobenzene	6.810	146	31857	5.495	ng		93
14) 1,2-Dichlorobenzene	6.963	146	29584	5.467	ng		100
15) Benzyl Alcohol	6.934	79	22303	5.199	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	43891	5.296	ng		93
17) 2-Methylphenol	7.045	107	23178	5.413	ng		97
18) Hexachloroethane	7.298	117	10965	5.208	ng		93
19) n-Nitroso-di-n-propyla...	7.198	70	19807	5.186	ng		99
20) 3+4-Methylphenols	7.204	107	29884	5.542	ng	#	80
22) Acetophenone	7.198	105	40945	5.417	ng	#	97
24) Nitrobenzene	7.369	77	30263	5.124	ng		98
25) Isophorone	7.604	82	57382	5.287	ng		99
26) 2-Nitrophenol	7.686	139	13583	4.854	ng		98
27) 2,4-Dimethylphenol	7.728	122	18781	5.343	ng		94
28) bis(2-Chloroethoxy)met...	7.822	93	35936	5.471	ng		95
29) 2,4-Dichlorophenol	7.933	162	22321	5.123	ng		95
30) 1,2,4-Trichlorobenzene	8.010	180	26245	5.353	ng		95
31) Naphthalene	8.092	128	90585	5.487	ng		98
32) Benzoic acid	7.798	122	13126	3.981	ng		96
33) 4-Chloroaniline	8.139	127	32403	5.274	ng		98
34) Hexachlorobutadiene	8.204	225	16379	5.464	ng		97
35) Caprolactam	8.475	113	7774	5.336	ng		89
36) 4-Chloro-3-methylphenol	8.628	107	25928	5.227	ng		97
37) 2-Methylnaphthalene	8.780	142	58588	5.523	ng		99
38) 1-Methylnaphthalene	8.880	142	58478	5.594	ng		95
40) 1,2,4,5-Tetrachloroben...	8.945	216	27028	5.307	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	17108	5.122	ng		94
44) 2,4,5-Trichlorophenol	9.104	196	19189	5.212	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.245	154	77640	5.534	ng		98
47) 2-Chloronaphthalene	9.269	162	56711	5.353	ng		98
48) 2-Nitroaniline	9.369	65	17310	5.167	ng		95
49) Acenaphthylene	9.686	152	88897	5.464	ng		99
50) Dimethylphthalate	9.545	163	66031	5.487	ng		100
51) 2,6-Dinitrotoluene	9.610	165	14776	5.388	ng		94
52) Acenaphthene	9.857	154	56483	5.614	ng		98
53) 3-Nitroaniline	9.780	138	15662	5.316	ng		98
55) Dibenzofuran	10.027	168	86583	5.708	ng		99
56) 4-Nitrophenol	9.951	139	9888	4.921	ng		91
57) 2,4-Dinitrotoluene	10.016	165	19040	5.392	ng		94
58) Fluorene	10.374	166	68600	5.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	15212	5.307	ng		97
60) Diethylphthalate	10.245	149	71150	5.686	ng		97
61) 4-Chlorophenyl-phenyle...	10.369	204	33515	5.780	ng		95
62) 4-Nitroaniline	10.386	138	15834	5.432	ng		94
63) Azobenzene	10.527	77	63102	5.397	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	8043	4.008	ng		73
66) n-Nitrosodiphenylamine	10.486	169	61573	5.512	ng		95
67) 4-Bromophenyl-phenylether	10.863	248	20273	5.337	ng	#	90
68) Hexachlorobenzene	10.921	284	22698	5.355	ng		99
69) Atrazine	11.016	200	15853	5.973	ng		91
70) Pentachlorophenol	11.121	266	9136	4.434	ng		89
71) Phenanthrene	11.339	178	98604	5.616	ng		98
72) Anthracene	11.392	178	99017	5.579	ng		99
73) Carbazole	11.551	167	94609	5.690	ng		99
74) Di-n-butylphthalate	11.886	149	112603	5.543	ng		100
75) Fluoranthene	12.533	202	111287	5.948	ng		99
77) Benzidine	12.663	184	66140	10.181	ng		99
78) Pyrene	12.763	202	113866	4.913	ng		98
80) Butylbenzylphthalate	13.392	149	39413	4.790	ng		92
81) Benzo(a)anthracene	13.957	228	91001	5.586	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	25624	5.808	ng		94
83) Chrysene	13.992	228	84637	5.378	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	50319	4.892	ng		100
85) Di-n-octyl phthalate	14.568	149	74150	4.626	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	58692	4.448	ng		99
88) Benzo(b)fluoranthene	15.009	252	69222	5.555	ng		99
89) Benzo(k)fluoranthene	15.039	252	63649	5.462	ng		99
90) Benzo(a)pyrene	15.386	252	56781	5.392	ng		95
91) Dibenzo(a,h)anthracene	16.962	278	47995	4.437	ng		96
92) Benzo(g,h,i)perylene	17.398	276	48113	4.322	ng		99

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

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