Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132236.D
Acq On : 31 Jan 2023 16:58
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Feb 01 04:48:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 04:46:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.072	152	180488	20.000	ng		0.00
21) Naphthalene-d8	8.354	136	677634	20.000	ng		0.00
39) Acenaphthene-d10	10.125	164	338221	20.000	ng		0.00
64) Phenanthrene-d10	11.619	188	611851	20.000	ng		0.00
76) Chrysene-d12	14.283	240	437802	20.000	ng		0.00
86) Perylene-d12	15.871	264	443641	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	248735	22.929	ng		0.00
7) Phenol-d6	6.672	99	302514	22.241	ng		-0.01
23) Nitrobenzene-d5	7.625	82	255101	19.709	ng		-0.01
42) 2,4,6-Tribromophenol	10.913	330	69199	22.095	ng		0.00
45) 2-Fluorobiphenyl	9.430	172	489100	21.278	ng		0.00
79) Terphenyl-d14	13.207	244	493105	17.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.954	88	54588	9.998	ng		98
3) Pyridine	3.737	79	149856	9.993	ng		99
4) n-Nitrosodimethylamine	3.672	42	45862	9.138	ng		98
6) Aniline	6.725	93	198891	10.442	ng		98
8) 2-Chlorophenol	6.848	128	127901	11.759	ng		97
9) Benzaldehyde	6.619	77	96697	10.957	ng		96
10) Phenol	6.684	94	158076	11.164	ng		99
11) bis(2-Chloroethyl)ether	6.789	93	126752	10.377	ng		96
12) 1,3-Dichlorobenzene	7.007	146	133475	11.038	ng		98
13) 1,4-Dichlorobenzene	7.084	146	132873	11.022	ng		97
14) 1,2-Dichlorobenzene	7.242	146	126461	11.293	ng		96
15) Benzyl Alcohol	7.195	79	106502m	10.656	ng		
16) 2,2'-oxybis(1-Chloropr...	7.336	45	137057	9.881	ng		97
17) 2-Methylphenol	7.301	107	109844	11.107	ng		98
18) Hexachloroethane	7.584	117	48419	10.931	ng		94
19) n-Nitroso-di-n-propyla...	7.466	70	87867	10.733	ng		98
20) 3+4-Methylphenols	7.454	107	143705	11.561	ng		98
22) Acetophenone	7.472	105	177179	10.694	ng	#	97
24) Nitrobenzene	7.648	77	130250	9.733	ng		99
25) Isophorone	7.884	82	237998	9.561	ng		100
26) 2-Nitrophenol	7.966	139	59082	11.968	ng		94
27) 2,4-Dimethylphenol	7.989	122	110626	10.627	ng		99
28) bis(2-Chloroethoxy)met...	8.089	93	153324	10.004	ng		98
29) 2,4-Dichlorophenol	8.201	162	97931	10.076	ng		98
30) 1,2,4-Trichlorobenzene	8.295	180	107042	9.586	ng		98
31) Naphthalene	8.378	128	364199	10.862	ng		100
32) Benzoic acid	8.048	122	62682	10.196	ng		95
33) 4-Chloroaniline	8.419	127	156965	10.799	ng		99
34) Hexachlorobutadiene	8.489	225	59264	8.496	ng		99
35) Caprolactam	8.754	113	31048m	11.282	ng		
36) 4-Chloro-3-methylphenol	8.883	107	103724	10.421	ng		97
37) 2-Methylnaphthalene	9.072	142	246721	10.725	ng		99
38) 1-Methylnaphthalene	9.172	142	227002	10.637	ng		98
40) 1,2,4,5-Tetrachloroben...	9.236	216	101740	8.963	ng		99
41) Hexachlorocyclopentadiene	9.225	237	52251	9.063	ng		96
43) 2,4,6-Trichlorophenol	9.342	196	69703	10.064	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	79567	9.810	ng		99
46) 1,1'-Biphenyl	9.536	154	281895	10.815	ng		99
47) 2-Chloronaphthalene	9.560	162	214333	10.595	ng		97
48) 2-Nitroaniline	9.648	65	57499	10.583	ng		97
49) Acenaphthylene	9.983	152	346403	11.021	ng		99
50) Dimethylphthalate	9.825	163	250186	10.900	ng		99
51) 2,6-Dinitrotoluene	9.889	165	52912	10.851	ng		99
52) Acenaphthene	10.154	154	215621	11.157	ng		99
53) 3-Nitroaniline	10.060	138	63275	11.726	ng		95
54) 2,4-Dinitrophenol	10.166	184	19773	9.464	ng	#	50
55) Dibenzofuran	10.325	168	310457	10.723	ng		96
56) 4-Nitrophenol	10.201	139	45076	11.562	ng		92
57) 2,4-Dinitrotoluene	10.295	165	65628	10.932	ng		95
58) Fluorene	10.672	166	240403	10.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	58275	10.112	ng		99
60) Diethylphthalate	10.530	149	247837	11.076	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	113353	9.717	ng		97
62) 4-Nitroaniline	10.672	138	60314	11.913	ng		97
63) Azobenzene	10.819	77	245877	10.413	ng		97
65) 4,6-Dinitro-2-methylph...	10.701	198	29627	10.252	ng		89
66) n-Nitrosodiphenylamine	10.777	169	205805	10.711	ng		99
67) 4-Bromophenyl-phenylether	11.154	248	65138	9.248	ng		96
68) Hexachlorobenzene	11.224	284	71209	10.203	ng	#	89
69) Atrazine	11.295	200	59539	10.797	ng		97
70) Pentachlorophenol	11.413	266	45944	9.973	ng		94
71) Phenanthrene	11.642	178	347155	11.153	ng		98
72) Anthracene	11.695	178	355404	11.213	ng		99
73) Carbazole	11.848	167	314946	11.567	ng		98
74) Di-n-butylphthalate	12.171	149	371550	11.994	ng		98
75) Fluoranthene	12.842	202	350086	11.054	ng		99
77) Benzidine	12.960	184	172669	15.110	ng		99
78) Pyrene	13.077	202	366756	8.941	ng		98
80) Butylbenzylphthalate	13.683	149	150555	12.097	ng		95
81) Benzo(a)anthracene	14.271	228	313093	10.171	ng		100
82) 3,3'-Dichlorobenzidine	14.230	252	104729	12.555	ng		98
83) Chrysene	14.307	228	305625	10.654	ng		98
84) Bis(2-ethylhexyl)phtha...	14.242	149	216335	13.033	ng		99
85) Di-n-octyl phthalate	14.877	149	351383	14.727	ng		100
87) Indeno(1,2,3-cd)pyrene	17.512	276	284226	9.690	ng		100
88) Benzo(b)fluoranthene	15.389	252	290337	10.656	ng		98
89) Benzo(k)fluoranthene	15.418	252	276493	9.834	ng		96
90) Benzo(a)pyrene	15.801	252	267554	10.405	ng		98
91) Dibenzo(a,h)anthracene	17.536	278	231279	9.644	ng		98
92) Benzo(g,h,i)perylene	18.012	276	231446	9.466	ng		99

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

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