Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126906.D
Acq On : 16 Feb 2022 11:48
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Feb 16 13:27:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 13:26:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	112122	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	458959	20.000	ng	#	0.00
39) Acenaphthene-d10	9.975	164	238169	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	430652	20.000	ng	#	0.00
76) Chrysene-d12	14.104	240	288739	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	215234	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	158368	19.346	ng		0.00
7) Phenol-d6	6.545	99	212806	18.793	ng		-0.01
23) Nitrobenzene-d5	7.492	82	213415	17.403	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	56531	22.870	ng		-0.01
45) 2-Fluorobiphenyl	9.286	172	351948	24.469	ng		0.00
79) Terphenyl-d14	13.045	244	401431	23.257	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	34861	8.416	ng		94
3) Pyridine	3.516	79	92013	8.191	ng	#	87
4) n-Nitrosodimethylamine	3.469	42	43809	12.625	ng	#	74
6) Aniline	6.592	93	121475	8.407	ng		97
8) 2-Chlorophenol	6.710	128	85370	11.405	ng		96
9) Benzaldehyde	6.481	77	65136	9.143	ng		94
10) Phenol	6.557	94	106517	8.788	ng		87
11) bis(2-Chloroethyl)ether	6.663	93	82699	8.469	ng		97
12) 1,3-Dichlorobenzene	6.869	146	93033	11.038	ng		98
13) 1,4-Dichlorobenzene	6.951	146	94285	11.068	ng		97
14) 1,2-Dichlorobenzene	7.098	146	89165	10.771	ng		98
15) Benzyl Alcohol	7.063	79	88665	9.800	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	134179	12.755	ng		99
17) 2-Methylphenol	7.169	107	72976	9.914	ng		95
18) Hexachloroethane	7.445	117	35364	10.597	ng		91
19) n-Nitroso-di-n-propyla...	7.334	70	69178	9.278	ng		97
20) 3+4-Methylphenols	7.322	107	96846	10.446	ng	#	72
22) Acetophenone	7.334	105	129509	9.752	ng		96
24) Nitrobenzene	7.510	77	101296	8.321	ng		97
25) Isophorone	7.745	82	172450	8.194	ng		99
26) 2-Nitrophenol	7.828	139	40970	10.098	ng	#	82
27) 2,4-Dimethylphenol	7.851	122	70072	9.889	ng		92
28) bis(2-Chloroethoxy)met...	7.957	93	106940	8.012	ng		98
29) 2,4-Dichlorophenol	8.063	162	65372	9.371	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	74949	9.991	ng		95
31) Naphthalene	8.234	128	257543	10.736	ng		100
32) Benzoic acid	7.928	122	36540	6.682	ng		89
33) 4-Chloroaniline	8.281	127	99925	10.309	ng		96
34) Hexachlorobutadiene	8.351	225	44752	9.517	ng		98
35) Caprolactam	8.622	113	22818	8.990	ng	#	88
36) 4-Chloro-3-methylphenol	8.751	107	85260	9.589	ng		97
37) 2-Methylnaphthalene	8.928	142	167207	11.312	ng		97
38) 1-Methylnaphthalene	9.028	142	159791	11.230	ng		98
40) 1,2,4,5-Tetrachloroben...	9.092	216	65445	9.544	ng		99
41) Hexachlorocyclopentadiene	9.075	237	30527	7.723	ng		96
43) 2,4,6-Trichlorophenol	9.198	196	47258	9.782	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	50664	10.045	ng		93
46) 1,1'-Biphenyl	9.386	154	203777	11.682	ng		99
47) 2-Chloronaphthalene	9.416	162	148371	10.730	ng		95
48) 2-Nitroaniline	9.510	65	56850	10.084	ng		96
49) Acenaphthylene	9.833	152	243685	11.414	ng		97
50) Dimethylphthalate	9.681	163	180212	10.947	ng		99
51) 2,6-Dinitrotoluene	9.751	165	35235	10.419	ng		97
52) Acenaphthene	10.004	154	153961	11.311	ng		95
53) 3-Nitroaniline	9.916	138	44716	11.604	ng		98
54) 2,4-Dinitrophenol	10.022	184	14181	7.961	ng	#	92
55) Dibenzofuran	10.175	168	218629	10.882	ng		92
56) 4-Nitrophenol	10.063	139	31060	10.643	ng	#	71
57) 2,4-Dinitrotoluene	10.151	165	48398	10.559	ng		97
58) Fluorene	10.522	166	173355	11.662	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	40146	9.197	ng		95
60) Diethylphthalate	10.386	149	192076	11.874	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	81159	10.793	ng		96
62) 4-Nitroaniline	10.528	138	42982	11.754	ng	#	81
63) Azobenzene	10.669	77	212083	9.449	ng		94
65) 4,6-Dinitro-2-methylph...	10.557	198	22875	8.756	ng		90
66) n-Nitrosodiphenylamine	10.628	169	146201	10.557	ng		100
67) 4-Bromophenyl-phenylether	11.004	248	49587	10.060	ng		96
68) Hexachlorobenzene	11.063	284	54157	10.041	ng		92
69) Atrazine	11.151	200	47540	10.579	ng		99
70) Pentachlorophenol	11.257	266	24877	7.905	ng		96
71) Phenanthrene	11.486	178	256897	10.771	ng		98
72) Anthracene	11.539	178	256171	10.723	ng		99
73) Carbazole	11.692	167	237034	10.518	ng		99
74) Di-n-butylphthalate	12.016	149	302055	11.560	ng		100
75) Fluoranthene	12.674	202	247700	10.210	ng		97
77) Benzidine	12.798	184	79587	12.015	ng		97
78) Pyrene	12.904	202	249838	10.827	ng		99
80) Butylbenzylphthalate	13.516	149	119647	12.496	ng		97
81) Benzo(a)anthracene	14.092	228	204586	10.619	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	63956	11.591	ng	#	96
83) Chrysene	14.133	228	192241	10.538	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	160568	12.890	ng	#	98
85) Di-n-octyl phthalate	14.692	149	233592	13.151	ng		98
87) Indeno(1,2,3-cd)pyrene	17.133	276	127256	9.694	ng	#	89
88) Benzo(b)fluoranthene	15.157	252	151205	10.744	ng	#	95
89) Benzo(k)fluoranthene	15.192	252	152561	10.867	ng	#	96
90) Benzo(a)pyrene	15.539	252	114938	10.245	ng		96
91) Dibenzo(a,h)anthracene	17.156	278	105478	9.809	ng		94
92) Benzo(g,h,i)perylene	17.598	276	102196	9.622	ng	#	90

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

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