Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126109.D
Acq On : 10 Nov 2021 16:03
Operator : JU/CG
Sample : M4595-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

Quant Time: Nov 11 09:29:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	173936	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	594543	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	310941	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	470204	20.000	ng		0.00
76) Chrysene-d12	14.021	240	376878	20.000	ng	#	0.01
86) Perylene-d12	15.480	264	308371	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	574610	56.732	ng		0.02
7) Phenol-d6	6.487	99	1245208	87.212	ng		0.00
23) Nitrobenzene-d5	7.422	82	1032737	81.919	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	34861	9.783	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1855648	80.647	ng		0.00
79) Terphenyl-d14	12.963	244	1598433	68.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	169898	40.341	ng	#	100
3) Pyridine	3.440	79	399657	35.265	ng		94
4) n-Nitrosodimethylamine	3.399	42	328100	41.285	ng	#	77
6) Aniline	6.516	93	312022	19.819	ng	#	88
8) 2-Chlorophenol	6.640	128	501739	46.359	ng		82
9) Benzaldehyde	6.404	77	345859	42.771	ng		90
10) Phenol	6.504	94	637065	43.637	ng		81
11) bis(2-Chloroethyl)ether	6.592	93	476982	44.856	ng		90
12) 1,3-Dichlorobenzene	6.798	146	563362	45.704	ng		94
13) 1,4-Dichlorobenzene	6.875	146	570317	45.374	ng		97
14) 1,2-Dichlorobenzene	7.028	146	546914	45.164	ng		98
15) Benzyl Alcohol	6.998	79	528981	43.382	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	808001	41.324	ng		92
17) 2-Methylphenol	7.110	107	416962	45.269	ng	#	89
18) Hexachloroethane	7.369	117	204715	43.352	ng	#	86
19) n-Nitroso-di-n-propyla...	7.269	70	413724	43.954	ng	#	81
20) 3+4-Methylphenols	7.263	107	541284	43.468	ng	#	61
22) Acetophenone	7.263	105	780347	45.444	ng	#	83
24) Nitrobenzene	7.439	77	613779	49.156	ng	#	86
25) Isophorone	7.675	82	1035869	45.637	ng	#	86
26) 2-Nitrophenol	7.751	139	234063	52.506	ng	#	63
27) 2,4-Dimethylphenol	7.792	122	416850	50.372	ng	#	82
28) bis(2-Chloroethoxy)met...	7.886	93	593017	44.306	ng	#	96
29) 2,4-Dichlorophenol	7.998	162	425646	45.567	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	512241	44.974	ng		98
31) Naphthalene	8.163	128	1390105	45.141	ng		99
32) Benzoic acid	7.910	122	227134	44.962	ng	#	74
33) 4-Chloroaniline	8.204	127	123443	10.030	ng	#	90
34) Hexachlorobutadiene	8.281	225	362377	46.219	ng		100
35) Caprolactam	8.575	113	108691	41.785	ng	#	67
36) 4-Chloro-3-methylphenol	8.692	107	468442	43.488	ng		86
37) 2-Methylnaphthalene	8.851	142	978313	45.998	ng		99
38) 1-Methylnaphthalene	8.951	142	885306	42.973	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	512875	49.218	ng		98
41) Hexachlorocyclopentadiene	9.004	237	237407	43.848	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	312589	49.537	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	329265	48.300	ng		94
46) 1,1'-Biphenyl	9.316	154	1130916	47.055	ng		98
47) 2-Chloronaphthalene	9.339	162	887325	46.906	ng		99
48) 2-Nitroaniline	9.433	65	306742	49.482	ng	#	78
49) Acenaphthylene	9.751	152	1298212	45.379	ng		98
50) Dimethylphthalate	9.616	163	1110514	49.056	ng		98
51) 2,6-Dinitrotoluene	9.675	165	214347	55.240	ng	#	78
52) Acenaphthene	9.928	154	789370	43.746	ng		95
53) 3-Nitroaniline	9.839	138	133736	33.620	ng	#	57
54) 2,4-Dinitrophenol	9.945	184	51687	35.910	ng		92
55) Dibenzofuran	10.098	168	1157792	42.623	ng		98
56) 4-Nitrophenol	10.004	139	281314	89.607	ng	#	55
57) 2,4-Dinitrotoluene	10.075	165	261743	46.904	ng	#	86
58) Fluorene	10.439	166	885378	40.600	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	248197	42.995	ng	#	87
60) Diethylphthalate	10.310	149	1047514	46.142	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	501666	43.015	ng	#	87
62) 4-Nitroaniline	10.451	138	170607	41.122	ng		85
63) Azobenzene	10.592	77	959616	38.929	ng		92
65) 4,6-Dinitro-2-methylph...	10.480	198	42503	23.838	ng		96
66) n-Nitrosodiphenylamine	10.545	169	777912	51.952	ng		95
67) 4-Bromophenyl-phenylether	10.922	248	285787	50.180	ng		97
68) Hexachlorobenzene	10.986	284	294440	49.490	ng		93
69) Atrazine	11.075	200	278245	52.535	ng		93
70) Pentachlorophenol	11.180	266	302515	94.363	ng		95
71) Phenanthrene	11.404	178	1174463	46.059	ng		98
72) Anthracene	11.451	178	1184487	46.527	ng		99
73) Carbazole	11.604	167	995416	42.158	ng		99
74) Di-n-butylphthalate	11.939	149	1326167	48.203	ng		99
75) Fluoranthene	12.592	202	1272843	44.826	ng		95
77) Benzidine	12.710	184	573101	45.489	ng	#	97
78) Pyrene	12.821	202	1309422	43.324	ng		97
80) Butylbenzylphthalate	13.439	149	507705	46.117	ng		91
81) Benzo(a)anthracene	14.010	228	1182593	45.676	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	270080	35.747	ng	#	97
83) Chrysene	14.045	228	1137541	47.219	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	720118	47.196	ng		98
85) Di-n-octyl phthalate	14.610	149	1185658	54.693	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	845567	46.326	ng	#	83
88) Benzo(b)fluoranthene	15.057	252	1046801	52.188	ng	#	94
89) Benzo(k)fluoranthene	15.086	252	861017	44.252	ng		99
90) Benzo(a)pyrene	15.427	252	864846	54.728	ng	#	92
91) Dibenzo(a,h)anthracene	16.968	278	715460	47.725	ng	#	89
92) Benzo(g,h,i)perylene	17.392	276	672013	46.740	ng	#	82

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

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