Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125916.D
Acq On : 25 Oct 2021 14:23
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Oct 25 17:25:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 17:23:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	148545	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	570011	20.000	ng		# 0.00
39) Acenaphthene-d10	9.910	164	318039	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	562952	20.000	ng		0.00
76) Chrysene-d12	14.027	240	331681	20.000	ng		# 0.00
86) Perylene-d12	15.498	264	240933	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	416986	45.858	ng		0.00
7) Phenol-d6	6.486	99	548570	46.864	ng		0.00
23) Nitrobenzene-d5	7.428	82	453414	49.445	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	113498	36.146	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	793105	43.012	ng		0.00
79) Terphenyl-d14	12.974	244	825566	37.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	98601	25.467	ng	#	100
3) Pyridine	3.398	79	260927	26.049	ng	#	85
4) n-Nitrosodimethylamine	3.316	42	164327	45.577	ng	#	77
6) Aniline	6.528	93	329187	24.426	ng	#	90
8) 2-Chlorophenol	6.651	128	212442	21.331	ng	#	76
9) Benzaldehyde	6.416	77	178718	28.133	ng		92
10) Phenol	6.498	94	277880	24.412	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	223906	24.277	ng		84
12) 1,3-Dichlorobenzene	6.810	146	234894	21.619	ng		96
13) 1,4-Dichlorobenzene	6.886	146	232415	20.976	ng		94
14) 1,2-Dichlorobenzene	7.039	146	218858	21.090	ng		95
15) Benzyl Alcohol	7.004	79	213759	27.555	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	535638	45.411	ng		95
17) 2-Methylphenol	7.110	107	180906	22.817	ng		93
18) Hexachloroethane	7.386	117	86152	22.580	ng		88
19) n-Nitroso-di-n-propyla...	7.281	70	163592	26.474	ng	#	94
20) 3+4-Methylphenols	7.263	107	226990	23.214	ng	#	86
22) Acetophenone	7.275	105	309348	24.688	ng	#	83
24) Nitrobenzene	7.445	77	234813	26.422	ng	#	85
25) Isophorone	7.692	82	428811	26.395	ng	#	87
26) 2-Nitrophenol	7.763	139	72308	16.090	ng	#	65
27) 2,4-Dimethylphenol	7.798	122	164888	22.033	ng	#	85
28) bis(2-Chloroethoxy)met...	7.898	93	271914	24.113	ng	#	96
29) 2,4-Dichlorophenol	8.004	162	164043	20.348	ng		92
30) 1,2,4-Trichlorobenzene	8.092	180	196378	22.213	ng		97
31) Naphthalene	8.175	128	602934	21.877	ng		98
32) Benzoic acid	7.880	122	90308	17.161	ng	#	82
33) 4-Chloroaniline	8.216	127	250344	21.705	ng	#	87
34) Hexachlorobutadiene	8.298	225	121318	24.567	ng		99
35) Caprolactam	8.575	113	54212	23.273	ng	#	39
36) 4-Chloro-3-methylphenol	8.692	107	192669	24.462	ng		90
37) 2-Methylnaphthalene	8.863	142	389722	21.834	ng		93
38) 1-Methylnaphthalene	8.963	142	375387	21.674	ng		91
40) 1,2,4,5-Tetrachloroben...	9.027	216	178408	20.901	ng		100
41) Hexachlorocyclopentadiene	9.022	237	96161	22.954	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	122627	19.822	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	125790	19.122	ng		97
46) 1,1'-Biphenyl	9.327	154	484403	20.716	ng		98
47) 2-Chloronaphthalene	9.351	162	363471	19.145	ng		98
48) 2-Nitroaniline	9.439	65	127449	27.962	ng	#	67
49) Acenaphthylene	9.769	152	551156	19.823	ng		98
50) Dimethylphthalate	9.627	163	409480	19.558	ng	#	97
51) 2,6-Dinitrotoluene	9.680	165	79738	18.842	ng	#	61
52) Acenaphthene	9.939	154	352372	20.285	ng		98
53) 3-Nitroaniline	9.851	138	89731	17.933	ng	#	69
54) 2,4-Dinitrophenol	9.951	184	21756	12.112	ng	#	68
55) Dibenzofuran	10.110	168	538447	20.692	ng		95
56) 4-Nitrophenol	9.992	139	70487	18.897	ng	#	59
57) 2,4-Dinitrotoluene	10.080	165	98419	18.394	ng	#	81
58) Fluorene	10.451	166	375272	19.690	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	107205	21.591	ng	#	88
60) Diethylphthalate	10.327	149	414152	20.732	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	189734	20.668	ng		91
62) 4-Nitroaniline	10.457	138	79329	17.157	ng		93
63) Azobenzene	10.604	77	482600	25.701	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	37140	13.226	ng	#	77
66) n-Nitrosodiphenylamine	10.563	169	345285	17.980	ng		96
67) 4-Bromophenyl-phenylether	10.939	248	124179	19.918	ng		89
68) Hexachlorobenzene	10.998	284	129334	18.305	ng		94
69) Atrazine	11.086	200	109873	19.712	ng		93
70) Pentachlorophenol	11.186	266	74977	19.852	ng		92
71) Phenanthrene	11.416	178	612796	20.345	ng		99
72) Anthracene	11.463	178	609451	20.259	ng		98
73) Carbazole	11.616	167	580627	20.738	ng		99
74) Di-n-butylphthalate	11.957	149	629637	20.371	ng		99
75) Fluoranthene	12.598	202	622131	22.891	ng		98
77) Benzidine	12.721	184	210328	17.328	ng		98
78) Pyrene	12.827	202	630319	18.706	ng		97
80) Butylbenzylphthalate	13.457	149	203745	18.864	ng		88
81) Benzo(a)anthracene	14.015	228	461462	21.444	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	142580	20.970	ng		99
83) Chrysene	14.051	228	461609	21.703	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	221293	18.829	ng		98
85) Di-n-octyl phthalate	14.633	149	314633	16.068	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.956	276	347978	18.923	ng	#	92
88) Benzo(b)fluoranthene	15.062	252	338036	24.851	ng		97
89) Benzo(k)fluoranthene	15.092	252	329725	23.610	ng		99
90) Benzo(a)pyrene	15.433	252	264447	21.953	ng	#	96
91) Dibenzo(a,h)anthracene	16.980	278	280038	18.461	ng		96
92) Benzo(g,h,i)perylene	17.398	276	290274	18.739	ng	#	88

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

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